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Lancaster Farming

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Lancaster Farming, Saturday, July 29, 1967

\$2 Per Year

FFA Hog Show Set For Aug. 1st

Future Farmers from Lancaster County's nine high school vocational agriculture departments will show and sell some 351 animals at the annual FFA hog show August 1st.

According to FFA advisor Clair Zerby, the contest will start promptly at 8 a.m. at the Lancaster Stock Yards. It will feature type judging, plus fitting and showmanship competition, with trophies to be donated by Eby's Mill, Lititz.

At last year's show, Bob Fisher, Grasslands Chapter, nearly enjoyed a clean sweep. He had the individual grand and reserve champions; the champion Pen of Three; and the fitting title — winning ribbons and trophies for five firsts, one second and one third placing.

Henry Gruber, of A & B Packing Co., Allentown, will again serve as judge, Zerby noted.

CHAPTER RIVALRY

The Cloister FFA Chapter is expected to press hard toward regaining possession of a rotating plaque which goes each year to the chapter whose

(Continued on Page 3)

Conservation Field Day Features Fish And Youth



SPECTATORS LINE THE BANK of Indian Run to watch the fish shocking demonstration put on by State Fish Commission personnel at Tuesday's Lancaster County Conservation Field

Day. Fish warden Sam Hall, left, sweeps the water with one electrically-charged loop as does his fellow worker at right. The power source is towed along behind in a small plastic boat. L. F. Photo

Fish Shocked, Pig Chased, And Skills Tested

Fish in Indian Run found fish warden Sam Hall's demonstration shocking Tuesday at the County Conservation Field Day, which, of course, was the main idea.

Hall and associates staged two demonstrations for the crowd estimated at close to 300 people. Fish were stunned by the electric charge put into the water, and momentarily floated to the surface. "The greater their body surface, the faster the charge affects them," Hall explained, pointing out the large suckers and carp—but no trout—floating on the small stream's surface. Hall further explained that the electric charge is kept at a level that does no permanent damage to the fish; they recover rapidly and swim away. The technique is a great help to the Fish Commission in studying stream populations for quantity, size, and kinds of fish present, Hall added.

(Continued on Page 6)

Yost Wins Plowing Title In County Competition

Ivan Yost, Narvon R2, became the county's new contour plowing champion Tuesday, upsetting defending champ Marvin Zimmerman, East Earl R1, by a slim four-point margin in the event sponsored annually by the Lancaster County Soil & Water Conservation District.

In his first county plowing match last year, Yost finished in a second-place dead heat with John Campbell of New Holland. This year, he maneuvered his Farmall 656 tractor with a semi-mounted four-bottom plow expertly enough to

(Continued on Page 7)

Farm Calendar

July 31 - 7:30 p.m., Kick off rally for Farm & Home Fund workers from southern part of county at Strasburg Fire Hall; northern workers will hold a rally Aug. 1st at the Lititz Rec. Center.

August 1 - 7:30 a.m., Lancaster County Poultry Assn. annual tour, leaves from Lancaster Shopping Center.

- 8 a.m., Annual FFA Swine Show & Sale at Lancaster Stock Yards.

- 9 a.m., County 4-H Dairy Roundup, Holstein groups only, at Guernsey Sale Pavilion.

August 2 - 8:30 a.m., Red Rose 4-H Baby Beef Club tour, begins at J. Harold Frey farm, Marietta R1.

- 9 a.m., County 4-H Dairy Roundup, Guernsey, Ayr-

(Continued on Page 4)

Ranck Rated Top Judge At County Holstein Assn. Annual Field Day

by Everett Newswanger, Staff Reporter

A registered Holstein breed-type judging at the annual or from Ronks R1 took top Lancaster County Holstein

awards Wednesday, when he out-scored all contestants in the men's division. He won the annual challenge trophy

Field Day held on the Amos Rutt Farm, Quarryville R2.

Parke Ranck, with 283.3 of a possible 300 points, had the top overall score as well as the best in the men's division. He won the annual challenge trophy

(Continued on Page 7)

FEW SEATS STILL OPEN FOR POULTRY TOUR

"Anyone who had meant to reserve a seat for the Lancaster County Poultry Assn. annual tour and didn't get around to it before last Wednesday's deadline, may still be in time," notes tour committee chairman John Jacob Oberholtzer.

A few seats are still available on the second bus, and if enough people indicate interest a third bus will be added for Tuesday's tour (August 1), Oberholtzer states.

Stops are scheduled for the Pennsylvania Random Sample Turkey Test at Hershey Estates, the Hershey Chocolate Co., Grimes Poultry Processing Plant, Fredericksburg, and Whitmoyer Laboratories, Inc., Myers-town. The tour will leave from the Lancaster Shopping Center at 7:30 a.m.

Anyone wishing to be included is advised to telephone Oberholtzer TODAY at Leola, 656-9147. Bus fare is \$1.25.

DHIA Director-Tester Meeting Set Aug. 7th

Directors of the Red Rose Dairy Herd Improvement Association have scheduled a joint meeting with association supervisors for August 7th, at 7:45 p.m., according to advisor Victor Plastow.

(Continued on Page 6)



WINNERS AT THE HOLSTEIN FIELD DAY. (l. to r.) Parke Ranck, Ronks, Mrs. Robert Kauffman, Elizabethtown and Patricia Eby, Gordon-

ville. Three hundred dairymen and friends attended the all-day affair held Wednesday at the Amos Rutt Farm, Quarryville R2. L. F. Photo

MARKET NEWS REPORT

At Lancaster Yards

Weekly Review

July 28, 1967

CATTLE 2997 — Compared to last weeks close, slaughter steers mostly 25-50 lower. High Choice and Prime not tested after Monday. Not enough heifers for price comparison. Cows 50-100 lower. Bulls steady to 50 lower. Feeders generally steady. Supply included an estimated 60 percent slaughter steers. 20 percent cows and bulls, balance largely feeder steers.

SLAUGHTER STEERS — High Choice and Prime 1000-1250 lbs sold on Monday at 27.75-28.25. Load 1295 lbs 28-50. Choice 900-1350 lbs ranged 26.25-28, late sales mostly 26.25-27.35. Good and Choice closed at 26-26.50. Good 25.25-26.25. Standard 23.25-25.

HEIFERS — Some standard and Good 730-900 lbs 21.75-25.10.

COWS — Late sales Utility and high yielding Cattle 18-20, few 20.25-20.75. Cattle 17.50-18.75. few Shelly Canner 13-15.50.

BULLS — Few Choice closed at 25-25.50. Good 24.25. Utility and Commercial 23.75-27. Cattle and low Utility 21-50.23.75.

FEEDER STEERS — Few lots, mostly Good 494-525 lbs 26.27-27.5. one lot 630 lbs 28.50. Few loads and lots Good and Choice 800-1000 lbs 24.25-27.5. Standard and Good 23.25-24.75.

CALVES 520 — Vealers mostly Steady.

VEALERS — Choice 39-41. few early 42. Good 36.50-40. Standard 34-37.50. Cull 29-32. some 60-90 lbs 25-29.

(Continued on Page 3)

Auction Only

July 26, 1967

CATTLE 693 — Compared to Monday Slaughter Steers uneven, average large steady to 25 lower; closing sales mostly steady. Not enough heifers for price test. Cows 50 to 100 lower. Bulls steady to 50 lower. Slaughter Steers mainly stand and to average choice.

SLAUGHTER STEERS — Average Choice 950-1250 lbs 26.25-27.35. individual High Choice 1350 lbs 28.25. Good and Choice 900-1300 lbs 26-26.50. Good 25.25-26.25. Standard 23.25-25.

HEIFERS — Some Standard and Good 730-900 lbs 21.75-25.10.

COWS — Utility and High yielding Cattle 18-20, few 20.25-20.75. Cattle 17.50-18.75.

(Continued on Page 3)

Vintage Auction

July 25, 1967

CATTLE 648 — Compared with last Tuesday, high Choice and Prime slaughter steers steady to 25 lower on limited supply, average Choice and below uneven, averaging mostly 50c lower. Not enough heifers offered for a price comparison. Cows steady to 50c lower. Bulls mostly steady.

SLAUGHTER STEERS — High Choice and Prime 1000-1250 lbs 28-28.50, few 28.60-29. Choice 950-1300 lbs 26.50-28, few 1300-1410 lbs, 25.60-27.50. High Good and Choice 950-1300 lbs 26.25-26.75, Good 25-26.50; Standard and low Good 23.35-25.

COWS — Utility and high yielding Cutter 19.25-21.60; Cutter 18.20. Canner and low Cutter 17-19. Shelly Canners 14-17.

(Continued on Page 3)

New Holland Auction

July 27, 1967

CATTLE 737 — Compared to last Thursday slaughter steers uneven, averaging steady to 25 higher. Heifers not enough for a price comparison. Cows steady to mostly 50 lower. Bulls steady to 50 lower. Feeders too few for a price comparison. Supply includes about 26% cows, and 14% bulls.

SLAUGHTER STEERS — High Choice and Prime 1050-1250 lbs 28-28.60; Choice 950-1300 lbs 26.50-28. Good and Choice 26-26.75. Good 25-26.25. Standard to low Good 23.25-25.

HEIFERS — Some Standard and Good 760-1090 lbs 23.35-25.50.

COWS — Utility and high yielding Cutter 19-21.85. Cutter 18-20. Canner and low Cutter 17-19. Shelly Canners 14-17.

BULLS — Choice 24.50-26.50. Good 23.50-25.50. Utility and Commercial 23.50-25.50. Cutter and low Utility 21.75-23.50.

FEEDER STEERS — Good and Choice 575-815 lbs 24-26.25.

CALVES 344 — Vealers uneven, average mostly steady.

VEALERS — Choice 39-41.50. Good 37-40. Standard 34-38. Utility 32-36. Cull 27-32, some 60-90 lbs 24-29.

COWS

July 26, 1967

A steady trend was noted as 101 cows, 4 bulls, and 11 heifers sold. Fresh Holsteins, 320-710, no other breeds listed. Bulls, 160-295. Heifers, 185-370.

HORSES

July 24, 1967

Killers averaged lower, others steady. Riding horses, 120-280 driving, 135-260; killers, 7-8 cents per lb. Pony mares, 35-70 geldings, 35-85.

HOGS

July 24, 1967

Receipts totaled 730 head and averaged 25 cents lower. Retail, 24.50-25.50; heavy-

weights, 23-23.50; wholesale (U.S. 1-3), 23.50-24. Sows, 16-17.50. Boars, 12-13.50.

CALVES

July 24, 1967

A steady trend accompanied the sale of 132 head. Choice and Prime, 37.50-40; Good and Low Choice, 35-37; Standard, 33-34.50; Common, 18-32.

Chicago Cattle

Weekly Review

CATTLE — Compared with last weeks close. Slaughter steers sold steady to mostly 25 lower, slaughter heifers were mostly 25 lower. Cows declined 100-150 and late in the week were at their lowest levels in three months. Bulls were 150 lower. In the carlot dressed meat trade at Chicago, steer beef sold steady, except Standard 100 lower, heifer beef was steady to 25 lower, cow beef declined 1.00-1.50, with Canner and Cutter off most.

SLAUGHTER STEERS — Prime 1150-1350 lbs. Yield Grade 3 and 4 27.00-27.75, four-loads at latter price, several loads 1350-1425 lbs. Yield Grade 4 and 5 27.00-27.25. High Choice and Prime 950-1325 lbs. Yield Grade 3 and 4 26.50-27.25, 1325-1400 lbs. Yield Grade 4 and 5 26.50-27.00, load 1682 lb. Yield Grade 5 23.50. Choice 900-1300 lbs 25.50-26.50. largely 25.75-26.50. Mixed Good and Choice 25.00-25.75, Good 24.00-25.00, Standard and Low Good 23.25-24.25.

SLAUGHTER HEIFERS — High Choice and Prime 850-1075 lbs 25.75-26.25. Choice 850-1100 lbs 25.00-25.75, Mixed Good and Choice 24.25-25.00, Good 23.50-24.50, Standard and Low Good 22.25-23.75.

COWS — Late Utility and Commercial 15.75-17.50, High Yielding Utility 17.50-18.25, Canner and Cutter 14.50-17.00.

BULLS — Late Utility and Commercial 20.50-23.00.

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(Closing bids as of Thursday, July 27, 1967)

	Midwestern Live Cattle — Chicago	Live Hogs — Chicago	Maine Potatoes — New York
August	26.85	22.75	
September		21.50	
October	27.47	20.45-n	
November		20.70-n	2.21
December	27.60	20.90	
Feb. '68	27.70		
March			2.45
April	27.65		2.63
May			2.99
June	27.70		
July	28.20-n		

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Kenneth E. Hershey, Sales Manager

Weekly Poultry Report

Eastern Pennsylvania And New Jersey

LIVE HENS

Prices of light hens unchanged to 1/2c higher in instances. Offerings of light hens light and generally short of needs with processors working short schedules or closed entirely for the week. Heavy hens short of a fair demand with too few sales to quote prices. Prices paid at farm: Hens—Light 4-6, mostly 5-5 1/2c.

TURKEYS

Open market trading very limited as most volume processors well supplied with contractual offerings. Limited trading noted on young hens at 22 1/2c. Trade advices indicate growth rates will above normal, due in part to cool weather during spring growing season, thus increasing total weight of crop processed to date.

Fogelsville

July 25, 1967

(Prices paid dock weights, cents per pound, except where noted:)

Hens, Light 4 1/2-10 1/2, mostly 5-5 1/2; Hens, Heavy 9-21, mostly 11-14; Pullets 14-35 1/2, mostly 27-35; Roasters 9 1/2-30, mostly 26-29; Turkeys—Hens 27-29 1/2; Rabbits 15-50, mostly 25-33; Guineas 1.00-1.05; Pigeons (per pair) 40-1.90; Jumbo Squab 85-87 1/2.

Total Coops Sold: 391.

Eastern Shore Exchange

WEEKLY SUMMARY

Lot-average broiler and fryer live prices averaged 1/4-cent lower this week at 14.47 cents per lb.

Prices paid during the week trended downward slightly from a high of 15.1 cents per lb. on Monday to a low of 13.8 cents on Thursday.

Sales for the week were steady at 1.2 million head.

• Vintage

(Continued from Page 2)

BULLS — Choice 24.75-26.10; Good 24-25. Utility 24-25.85, few Cutter 22.50-24.

CALVES 531—Vealers mostly steady.

VEALERS — Choice 37.50-40.50; few 41; Good 35-38. Standard 32-36. Utility 30-34. Cull 27-31, some 70-90 lbs. 23-27.

HOGS 162 — Barrows and gilts \$1.25-\$1.75 lower. Barrows and gilts US 1-2 195-230 lbs. 23.25-23.75; 182-190 lbs. 22.50-22.85; US 1-3 190-237 lbs. 22.50-23.25; US 2-3 230-240 lbs. 21.85-22.50.

SOWS — About steady. US 1-3 340-520 lbs. 14.35-16.85.

SHEEP — Spring lambs generally steady. Few Choice 65-105 lbs. 25-28. Utility and Good 55-105 lbs. 19-24.

• Lancaster Auction

(Continued from Page 2)

Canner 15.50-17.75, few Shelly Canner 13-15.50.

BULLS — Few Choice 25-25.50, Good 24-25, Utility and Commercial 23.75-25; Cutter and Low Utility 21.50-23.75.

• FFA Hog Show

(Continued from Page 1) members tally the most points. In the contest's first three years, Cloister retained possession of that honor, but Fisher's performance last year won the plaque for Grasslands. The award is sponsored by three Elizabethtown meat firms: Baum's Bologna; Hershey's Quality Meats; and Groff's Meat Market.

SALE

At 2 p.m., all animals will be sold at auction by the Lancaster Livestock Exchange.

At last year's sale, the average price brought by the 197 head was \$28.24, with weights averaging 213 pounds. The champion brought 71 cents a pound, and the reserve champion 41 cents.

• Lancaster

(Continued from Page 2)

HOGS 1114 — Barrows and gilts 50 lower. US 1-2 195-230 lbs. 24-24.50; Few lots 182-190 lbs. 22-23; US 1-3 195-240 lbs. 23-24; US 2-3 210-245 lbs. 22-23. Sows too few for price comparison.

Tomorrow will indeed be a better day—if you begin this morning to improve it.

CALVES — 139 head. Vealers generally steady.

VEALERS — Choice 39-41. Good 36.50-40. Standard 34-37.50. Utility 32-35. Cull 29-32. Some 70-90 lbs. 25-29.

HOGS 232 — Barrows and gilts mostly 50 lower. US 1-2 195-230 lbs. 24-24.50; few lots 182-190 lbs. 22-23; US 1-3 195-240 lbs. 23-24; US 2-3 210-245 lbs. 22-23.

SHEEP 82 — Spring slaughter Lambs about steady; few lots 70-87 lbs. 22-24.25.

Lancaster Farming, Saturday, July 29, 1967—3

Weekly New York Egg Mkt.

From Monday, July 24th to Friday, July 28th

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Ex. Fcy. Lg.	35 1/2	35 1/2	35 1/2	35 1/2	35-35 1/2
Fcy. Lg.	35	35	35	35	34 1/2-35
Fcy. Med.	26 1/2	26 1/2	27 1/2	26 1/2-26 3/4	26-26 1/2
No. 1 Med.	26	26	27	26 1/2	26
Pullets	15 1/2	15-15 1/2	13 1/2	13 1/2	13 1/2
Peepees	11	11	10	10	10
Ex. Lg.	39 1/2	39 1/2	39 1/2	38 1/2-39	38 1/2-39 1/2
BROWN					
Ex. Fcy. Lg.	35 1/2	35 1/2	35 1/2	35 1/2	35 1/2
Fcy. Lg.	35	35	35	35	35
Fcy. Med.	24	24	24	24	24
Pullets	15 1/2	15 1/2	13 1/2	13 1/2	13 1/2
Peepees	11	11	10	10	10
MIXED					
Standards	30	30	30	30	29-30
Checks	18 1/2	18 1/2	18 1/2	18 1/2	18 1/2

Trend: Very irregular with further selling pressure in some quarters on large and medium despite increase in government paying price for school lunch dried eggs.

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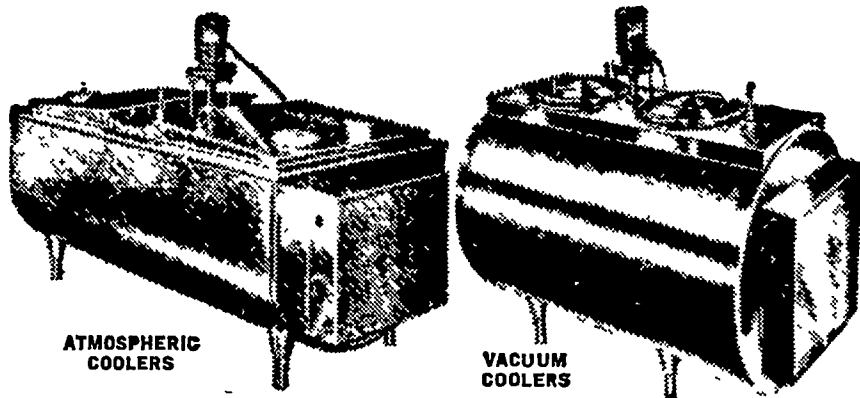
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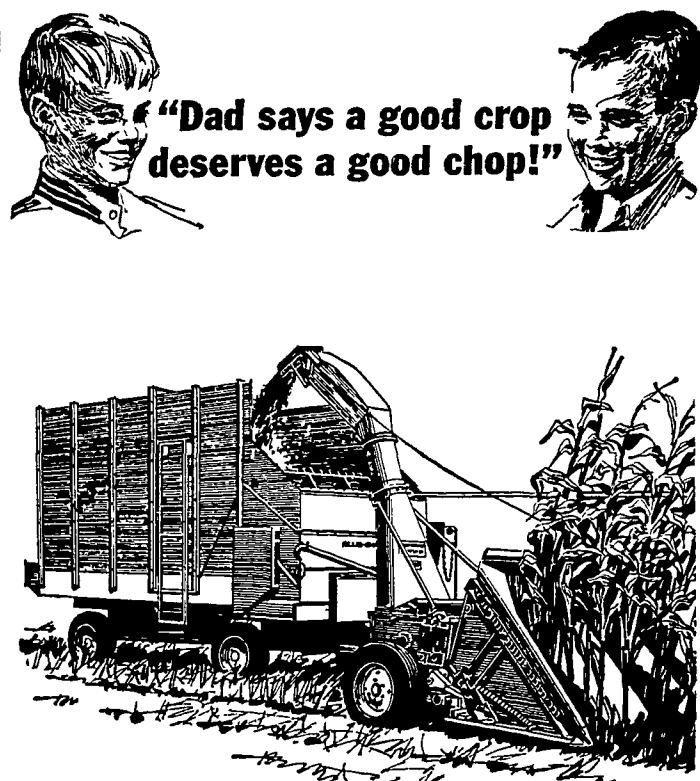
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From Where We Stand . . .

Between The Law And The Jungle

One constant agricultural problem in tropical lands is how quickly the jungle reclaims cultivated land, converting it to its original tangled state, fit only for wild things to inhabit.

The law in a civilized society can be likened to that cultivated land in that it too, if not meticulously tended, will be devoured and laid waste by the relentless forces of barbarism and irresponsibility.

It is becoming apparent that such forces are hard at work right here in America, and that their goal — which they may accomplish without even realizing they have one — is the destruction of this small piece of cultivated land from within. Just as borers in a corn stalk can more effectively do their dirty work within the physical protection offered by the plant than can more vulnerable insects attacking openly, so can our internal enemies safely operate behind laws designed to protect honest citizens from wrongful persecution.

These hoodlums who would burn their cities right out from under themselves have linked their actions to civil rights, and, in so doing, have probably pronounced a death sentence on any further favorable civil rights legislation or judicial decisions for some time to come.

As President Johnson noted this week, the riots and looting have nothing to do with civil rights — they are out and out criminal acts of violence and must be met with swift and severe punishment.

If we need more definite anti-riot laws then, by all means, Congress should enact them — not in panic, but with a spirit of calm urgency. The crime being perpetrated by this irresponsible faction in our major cities is intolerable. While it is one thing to officially study the problem, and we agree that this is a necessity, the immediate need is to treat the symptoms drastically, before their contagion spreads any further.

Theft is theft whether it is called robbery or looting. It is one of the oldest crimes known to man and has been controlled, or at least curtailed, over the centuries by treating the offender harshly. To disregard that lesson now is to invite continued looting and sacking of the haves by the havenots. Inflicting maximum penalties in every case is a beginning, but we agree with the President — the lawabiding citizens in each community must control lawlessness within their communities.

A Dollar A Week

That's about all it will take if at least 1000 Lancaster County farmers pitch in to help pay off the Farm & Home Center.

The final campaign, to run three weeks in August, is designed to collect \$100,000 from county farmers in cash and pledges. Campaign director F. F. Bailey noted this week that if only 1000 of Lancaster County's farmers contributed \$100 — pledged over the next two years — the Center would be debt-free by the time it officially opens in January, 1968.

Bailey also pointed out a fact that is worth repeating here: "Through their past efforts and contributions, plus gifts from others, Lancaster County farmers have a substantial equity in the Farm & Home Center." Breaking down the equity figure, he notes 10½ acres of valuable land with worth estimated at \$50,000; a building 30 percent completed; plus a potential \$365,000 raised toward complete ownership by January 1st.

Another matter worthy of note is that Lancaster County agricultural interests **ALONE** — with no state or federal subsidization other than a tax deductible provision on contributions — have managed to swing this half-million dollar venture.

But, we are sad to report that farmer support has not nearly matched that of allied industry. Is it possible that allied industry has more faith in the future of Lancaster County agriculture than our own farmers have? We feel certain there are few farmers in the county who could not afford \$50 a year for two years in support of this investment in the future. Farm & Home directors feel similarly, which is the reason for the campaign to get farm people to carry their fair share of this project, by contributing the final \$100,000 needed.

Two kick off rallies will be held next week for the 250-300 solicitors and workers who will be contacting more than 2000 prospective farm contributors in the next three weeks. When they contact you, be certain you have contributed all that you are able. Support **YOUR** Farm & Home Center now.

Specialist Cites Advantages Of Mechanization For Dairy Farmers

Hot, summer days are a good time to think about feeding the dairy herd with less physical effort. Feeding dairy cattle requires the movement of large quantities of feed from storage to feeding areas. For a herd of sixty, high-producing cows, this could mean the moving of up to five tons of grain and roughage a day.

In the past, farming was characterized by hard work and long hours. W. T. McAllister, extension farm management specialist at University of Delaware, points out. Today's farmer still works hard, but his output per hour has increased tremendously because he has substituted mechanical and brain power for back power.

Today the modern dairy farmer designs his barn layout and feeding system to minimize the amount of physical handling of feed materials. McAllister suggests keeping these basic principles in mind as you try to find ways to reduce the time and effort used in feeding your herd. Mechanize wherever possible and handle materials in bulk, and let the animals do as much of the moving of feed as

possible; plan your storage so that material needs to be moved as little as possible, and so that feed will flow rather than need to be lifted or pushed, eliminate unnecessary jobs and travel by combining operations when possible.

Mechanization and labor saving devices usually increase total costs. However, a good dairyman should be able to recover more than these added costs if he puts the labor saved to use in producing more milk, or feed. Even investing in labor-saving machines that just "break even" can be justified if they eliminate some of the drudgery of physical work and certain undesirable chores, and give the dairyman more time for enjoying farm life and planning his farming operation, they may be well worth the expense, McAllister suggests.

● Farm Calendar

(Continued from Page 1)
shire, and Jersey groups, at Guernsey Sale Pavilion August 3 — 9:30 a.m., Pa. Yorkshire Co-Op Assn., Inc., live evaluation and certified lit-



The warm is expected to continue for the next five days with temperatures averaging near, or slightly above, the normal range of 87 to 65 degrees. It will be warmest over the weekend, turning somewhat cooler after Sunday.

Precipitation in the form of showers and thunderstorms is expected Saturday and possibly Sunday, with amounts totaling ½-inch, or more.

ter contest at Farm Show Bldg, small arena — 10:30 a.m. to 3 p.m., "Atlantic on Parade", at Atlantic Breeders Cooperative, Rt. 230, bypass. Lunch \$1 — 8 p.m., Lancaster County Poultry Assn directors at Farm Credit building, W. Roseville Rd., Lancaster August 4 — 2 p.m., Showing and judging of Yorkshire sale animals at Farm Show Bldg, small arena — 6:30 p.m., Yorkshire sale at Farm Show Bldg with 60 bred gilts, 30 littermate pairs of open gilts, and 20 boars offered.



NOW IS THE TIME . . .

By Max Smith
Lancaster County Agent

To Seed Alfalfa . . .

If a summer seeding of alfalfa is to be made, the first week in August is the time; both research and experience in former years gives early August seedings a better chance of survival than those made late in August. The band seeding method is strongly recommended, and the use of press wheels on the drill will improve chances for rapid germination and stronger plants before cold weather.

To Make Sudan or Sorghum Silage . . .

Some fields of temporary forage crops, such as sudan grass or one of the sudan-sorghum hybrids, have made very rank growth in recent weeks. If the growth is too high for grazing, it may be made into

silage just after heading and while in the bloom stage. This stage of maturity will give greatest returns per acre for silage. Straight sorghum crops should be cut for silage when in the soft dough stage later this summer or fall.

To Feed Wheat Crop . . .

Wheat producers are not enthused with the present market price for their crop. On livestock farms wheat may be fed as a part of the grain ration. Caution should be used to introduce this grain gradually into the ration, and use it cracked or coarsely ground. Beef cattle and dairy animals may utilize as much as 25% of the ration in the form of wheat, hogs may be fed a full wheat ration along with protein supplement.

A lobster's favorite food is another lobster.

Only A Woman

The beginning of the Philippi mission was hardly spectacular. Instead of winning an important city official or some other important person, or changing the life of some notorious sinner, Paul began by winning to Christ a woman named Lydia. This woman, one who already was seeking God in her life, responded simply to Paul's message and became the founder of a strong Philippian church.

We often find people like this Lydia who need only to hear or see the Gospel of Christ in order to respond in faith and love. W. B. Sangster was on his way one evening to preach at a service in Portsmouth, when a thunderstorm came upon him unexpectedly. He and another man sought shelter in the same doorway. At first he remarked about the weather and then went on to speak of the service to which he was going, inviting the man to come along. Though it was obvious that the man knew little about Christianity, he did go along and that night gave his life to Jesus Christ. The man could never quite get over what had happened that rainy night. "Imagine standing in out of the rain," he would say, "and all your life being changed because of that!"

Where It Hurts

Yet, as Paul found in Philippi, there are others who will not respond favorably to the Gospel because it touches them at a vital nerve. When Paul healed a girl who was being exploited by some merchants, he soon found out that he had committed the unpardonable sin. What they shouted at him as they attacked him minds its equivalent in the current admonition. "Just preach the Gospel, fellow and keep your nose out of our business!" When people realize that Christianity may be harmful to profits, may change our way of life, may question our political and economic institutions, they find that the Gospel often touches us where we are most sensitive.

God gives his invitation to all men. What counts is the response that each man makes when the Gospel touches his vital nerve.

LANCASTER FARMING

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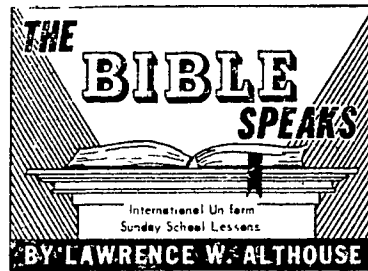
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The Vital Nerve

Lesson for July 30, 1967

Background Scripture: Acts 16:11-40

Devotional Reading: Luke 8:1-15

Several years ago a young man wrote an article for a national magazine in which he set forth his reasons for leaving the Christian ministry. In short, he had been desperately disillusioned by the unresponsiveness of most



people to his ministry. What he believed to have been sincere efforts to preach and teach the Gospel had earned him, for the most part, much hostility and opposition by the majority of his parishioners.

It seemed to some of us that the trouble was not that he had exaggerated the conditions he had found — they seemed real enough from our own experience — but that he had cherished the wrong expectations in the first place. He had assumed that if he faithfully fulfilled his ministry that people would naturally respond in a positive manner. He felt cheated because he had assumed the success of his ministry was guaranteed by good intentions and competence.

No Guarantee

Actually we have no such guarantee. When Paul and his party responded to the call to "come over to Macedonia," there was no assurance that because the call came from God there would be a corresponding response. Witnessing is never a "sure thing" because, although God desires all men to respond to the Gospel, he does not compel that response. He woos people with great persistence, but he does not abduct them and carry them off to the kingdom against their will.

When Paul and his party entered Philippi, then first preaching stop after crossing into Europe, they found no welcoming committee, no brass bands, no "prosperity lists." God had not guaranteed the results of their mission, only that he would supply whatever power they needed to proclaim their message.

Farm Irrigation Doubled In '66 Drought Year

HARRISBURG—Eight billion gallons of water were poured on Pennsylvania farmland from irrigation systems in 1966—the state's fifth consecutive drought year—according to the Pennsylvania Crop Reporting Service.

But, the service noted, it was "only a drop in the bucket." Rainfall in Pennsylvania during a normal year is estimated at 32 trillion gallons—about 4,000 times the amount of water applied to fields last year by irrigation systems.

The use of water on agri-

cultural land is included in a preliminary report of an irrigation survey being completed by the Crop Reporting Service. It discloses that an estimated 45,103 acres of cropland were watered during last summer's dry spell, almost double the acreage irrigated two years earlier.

Heaviest use of water was on more than 9,000 acres of vegetable crops and about 7,000 acres of fruits and berries. More than 6,000 acres of potatoes—about 17 percent of the state total—were irrigated.

PCRS also reported that 6,000 acres of field corn were irrigated, but pointed out that this represented less than one percent of the harvested acreage.

Irrigation systems were em-

Area Oliver Dealers See Equip. Preview

Two Lancaster County Oliver farm equipment dealers and their representatives attended Oliver Corporation's Growing "O" field demonstrations this

week at Hershey Farms, Hershey.

Nelson Hershey, president of N. G. Hershey & Son, Inc. Manheim, attended with Galen Hosler and Ammon Shelley. Also attending was Ivan Nott, president of Farmersville Equipment Co., Inc. of Ephrata R2, with Bud Buch, Charles Hackman and Phares Musser.

The farm equipment men saw a wide range of new products for the coming fall, winter, and spring seasons introduced and many of them were demonstrated under actual field operating conditions, often in competition with similar-sized models made by other manufacturers.

Lancaster Farming, Saturday, July 29, 1967—5

several states in the area witnessed Oliver president Sam White, Jr., and his top management team from the Chicago headquarters of the farm and contractors equipment subsidiary of White Motor Corporation present the new products. These will be ready for distribution to dealers and customers later this year. On Tuesday, Farmers Day, dealers within driving range attended with their invited local farm guests to view the new machinery in action.

The two-day field event was one of eleven such demonstrations being presented in principal agricultural areas across the country during July, August, and September.

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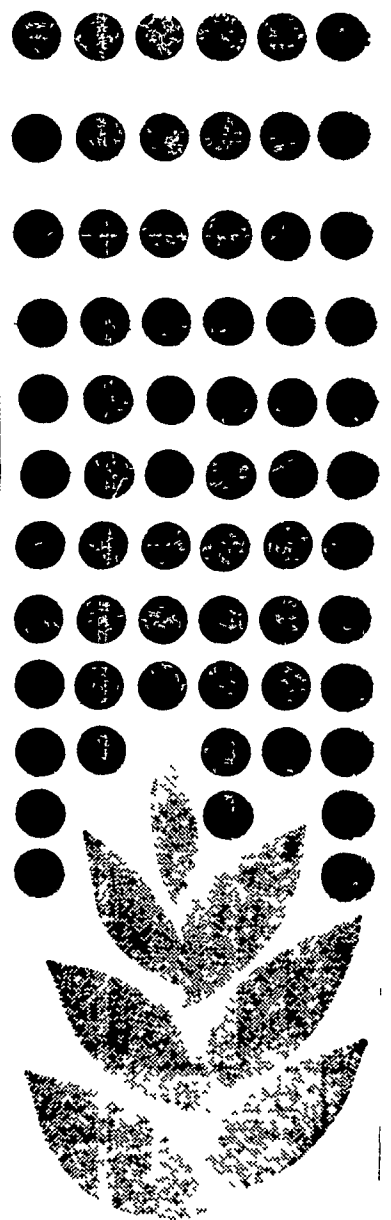
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Greased Pig Chase --- From Squeal To Finish Line

● Conservation Day (Continued from Page 1)

GREASED LIGHTENING

Another highlight feature at the conservation day program, sponsored by the Lancaster County Soil and Water Conservation District, and hosted by Louis Hurst, Ephrata R1, was the pig chase.

The star of the show was a well-greased, 50-pound, York-shire gilt, and she gave some thirty youngsters a real workout. The object of the chase

was to get sole possession of brand new ballgame. But he the pig, released at the opposite end of the field by District associate director Forney and Mrs. Paul Bollinger of Longenecker, and carry the gilt back to the truck from which she came.

The plucky pig really took the game seriously, shaking off the pig in approximately one and a half minutes. As in previous years, the prize gilt was donated by Eby's Feed Mill, Lititz.

The 11-year-old son of Mr. and Mrs. Paul Bollinger of Denver R2, Donald didn't come near matching his brother Eugene's record time at the 1965 field day when the latter won the pig in approximately one and a half minutes.

As in previous years, the prize gilt was donated by Eby's Feed Mill, Lititz.

OTHER YOUTH EVENTS

Field day activities included

two new features this year: 4-H tractor driving, and open class land judging.

In the tractor competition, two brothers from Ephrata R1 shared honors. Clark Stauffer won in the junior division (under 14 years of age), and brother Ronald captured the title in the senior division. They are the sons of Mr. and Mrs. Aaron Z. Stauffer.

Judges for the tractor driving contest were Chris Brubaker, Landis Bros., Inc., and Gerald Kiger, agriculture instructor at Lampeter-Strasburg High School. Assistant county agent Jay Irwin officiated. Among the juniors, second place went to Robert Mellinger, Strasburg R1; Lynn Royer, 2025 Oregon Pike, third; and Louis Hurst, Jr., Ephrata R1, fourth. James Landis, Lititz R3, was runner-up in the senior division.

Eleven contestants scored land samples set up by judge Orval A. Bass, SCS county conservationist. Ribbons went to two Cloister Future Farmers for their top land judging performances. First, in the event

● DHIA

(Continued from Page 1)

To be held in the Lancaster Farm Credit building, 411 W. Roseville Road, the meeting will feature a panel discussion covering three topics: "Size of Herds and Number"; "Relationship Between Dairyman and Supervisor"; and "Milk-O-Meters".

Refreshments will be served following the meeting. Plaster noted, urging all directors and supervisors to attend this important get-together.

sponsored by the County Agriculture Teachers Association, was Ronald Landis, 872 E. Main St., Ephrata, with 331 of a possible 400 points; second, Linford Weaver, Ephrata R1, 296 points. Placing third and fourth, respectively, were Larry Harnish, Washington Boro R1, and John Yost, Sr., Narvon R2.

SWCD director Aaron Z. Stauffer served as chairman of the field day, with county agent M. M. Smith acting as coordinator of events. Lancaster County Dairy Princess Anna Mae Donough presented the ribbons and awards.

(See Other Field Day Photos Page 7)



HERE THEY COME — An army of eager boys sets out in hot pursuit of this porker that has been specially

greased for the pig chase at Tuesday's Lancaster County Conservation Field Day. L. F. Photo



IT'S A LONG WAY to the finish line for Donald Bollinger as he hangs on desperately to his 50-pound prize pig. The rest of the boys tag along closely

for if Bollinger lets go his hold it will become anybody's pig who can recapture it. L. F. Photo



THE WINNER — Pig chase chairman Forney Longenecker raises the hand of Donald Bollinger of Denver R2 signifying victory for the youngster. Bollinger became the second one in his

family to win the Conservation Field Day event — his brother Eugene won in 1965, and is now awaiting his third litter from that prize. L. F. Photo

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● Holstein Field Day (Continued from Page 1)

and a true-type model cow. Second high score went to York County on the 266.7 point score of Phillip Laughman, Thomasville.

Jacob Houser, Jr., Lampeter, was third with 266.6 points.

In the ladies division, Mrs. Robert Kauffman, Elizabethtown R1, was tops with 252 points which won her a table service set. The youth class was won by Miss Patricia Eby, daughter of Mr. and Mrs. Donald Eby, Gordonville R1. Miss Eby won a model cow and trophy.

HEARS CONVENTION REPORT

Featured speaker and cattle judge for the all-day affair was Edwin C. Fry, Fair Hill Farms, Chestertown, Maryland. He reported on the 82nd National Holstein Convention held recently in Minneapolis, Minnesota, calling it a "grass roots" organization controlled by the local breeders in the field. "Pennsylvania had one-seventh of all the delegates at the convention," Fry said.

He also reported that "no longer will we be able to register animals over two years old. We feel we are more ac-

curate if we register them early."

CROP ADVICE

County agent Max Smith's timely remarks on crop and livestock production were well received by the 300 dairymen and friends gathered on the shady, green lawn of the Rutt homestead.

Smith recommended sowing new alfalfa seedings in the next week. "The last several years," he said, "many of you have tried fall seedings and they have burned out because of lack of moisture. But with the better weather conditions this year you may want to try it again."

He also stressed working lime and fertilizer into the soil. "There is no better time to get lime and fertilizer into alfalfa soil than before you sow it," Smith said.

On the new age limits for vaccinating calves for brucellosis, Smith noted: "The age for vaccinating has been lowered from four-eight months to three-six months," he said.

On Sudan and Sudan-sorgham hybrids Smith recommended, "if they get ahead of you it would be best to make them into silage rather than hay."

The county agent commented on the beautiful green corn fields in the area, but urged farmers not to get in a hurry to put corn into the silo. He explained that an acre of corn cut for silage in the silk stage yields only 2,000 pounds of dry matter; left to mature to the well-dentated stage it will yield 8,000 pounds. "The longer you let it mature," Smith said, "the more TDN per acre you get."

Smith also introduced new assistant county agent Jay Irwin.

Other speakers included Dairy Princess Anna Mae Donough, David Slusser, fieldman for the Pennsylvania Holstein Association and Elvin Hess, Jr., state director.

John Harnish, Henry Ketting and Ira Welk served on the field day committee and president Robert Groff was master of ceremonies.

Additional winners in the judging contest were: Men's Division: Elvin Hess, Jr., Strasburg R1, 254 points; Marlin Hershey, Gordonville, 250. Ladies Division: Eileen Thomas, Mellersville, 250; Kathryn Deiter, Lititz R3, 234.3; Vivian Stauffer, Ephrata, 233.3; and Mrs. J. Robert Hess, Strasburg R1, 216. Youth Division: Marlene Harbold, Mount Joy, 234.3; Karen Hershey, Lititz, 233.3; Richard Hess, Strasburg R1, 216.7, and Calvin Martin, Ephrata, 215.7.

Today 45% of all 4-H's live on farms; 33% in rural non-farm areas; 16% in towns of 2,500 to 50,000; 6% in larger cities.

● County Plowmen (Continued from Page 1)

pile up 500 of a possible 600 points. Zimmerman was a close second with 496, and Loren Zimmerman, also of East Earl R1, placed third with 483 points.

Judging the three-man contest at the Edwin Kurtz farm at Ephrata R1 were Richard Brown, Chester County work unit conservationist with SCS; Herbert Weizel, associate county agent in Berks County; and Carl Herr, farmer, 940 Penn Grant Road, Lancaster.

Yost, who will represent the county in the state plowing contest in August in Somerset County, was presented with his permanent trophy by Lancaster County Dairy Princess Anna Mae Donough. He will receive the new rotating trophy later according to plowing contest chairman Aaron Z. Stauffer, and will need to successfully defend his title next year to gain permanent possession of that trophy. Yost operates a 125-acre dairy farm. Last year's champion Marvin Zimmerman retired the rotating trophy last year when he won his second consecutive title in the state event, Zimmerman was runnerup.



NEW CHAMPION of the county's contoured furrows, Ivan Yost of Narvon R2, receives his trophy from Lancaster County Dairy Princess Anna Mae Donough at the county Plowing Contest held Tuesday on the Edwin Kurtz farm at Ephrata R1.

L. F. Photo



SOME OF THE ELEVEN LAND JUDGES competing Tuesday at the Lancaster County Conservation Field Day are shown studying one sample ex-

cavation in the contest sponsored by the county vo-ag teachers' assn. The test was set up and judged by SCS county conservationist Orval A. Bass.

L. F. Photo



CHAIRMAN OF THE BOARD Amos H. Funk climbs onto the wagon to greet the several hundred persons attending the County Conservation Field Day & Plowing Contest Tuesday, sponsored annually by the county Soil &

Water Conservation District. Funk particularly praised the youths attending, noting that their generation "will have to be far better conservation farmers than we were".

L. F. Photo

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4-H NEWS

L-M SEWING CLUB PLANS BULB SALE & ROUNDUP

by Wendy Fritz, reporter

Meeting July 18th at Warwick High School, the Lititz-Manheim 4-H Sewing Club planned activities.

Following a discussion of the annual bulb sale, plans were made for the club roundup to be held August 15th.

In other business, club president Janis Keeney assigned Virginia Brubaker, Carol Kline, and Wendy Fritz to a committee.

The next meeting will be held July 25th at the high school.

DRUMORE STITCHERS SELL LIGHT BULBS

by June Aaron, reporter

The July 19 meeting of Drumore 4-H Sewing Club was held in the Chestnut Level Church House.

Manager of Light Bulb Sales Mary Douts announced a total of \$28.35 sold since the previous meeting. A total of all light bulbs sold will be given at a later date.

At the next meeting, the fourth year girls will be there for a little while to check the finished skirts.

DRUMORE CLUB TOURS PROJECTS

by Ronald Lehman, reporter

The Drumore 4-H Community Club held its fifth meeting of the year, Tuesday evening, July 18.

Members met at the Chestnut Level Churchhouse to begin the annual project tour. The tour ended at the home of Mary Douts, club pres, and the meeting was held there.

During the meeting, Mr.

Trimble, one of the clubs leaders, commented on how fine the projects were that had been toured that evening, and urged all the members present to keep their projects in the same condition.

Delicious refreshments were served by Mr. and Mrs. Douts.

L-S MERRY MAIDS HOLD TWO DEMONSTRATIONS

by Joyce Groff, reporter

Meeting Tuesday, July 25th, at Lampeter-Strasburg High School, the L-S Merry Maid 4-H Club members saw two demonstrations.

Lori Baker and Brenda Herr demonstrated how to make toll house cookies; Carol and Beverly Byers showed how to set a table for tea and arrange flowers.

At the business meeting, presided over by vice president Cindy Hess, members were told that light bulb money was to be turned in at the next meeting, August 15.

LEOLA PINCUSHIONS PLAN SUB SALE AUG. 19th

by Kathy Hooper, reporter

There will be a sub sale sponsored by the Leola Pincushions 4-H Club, on August 19. Instructions were given at a recent meeting of the club, held at the home of Mrs. H. Jacob Hooper, July 26.

President Cindy McQuate called the meeting to order and led the club in the 4-H pledge. This was followed by roll call, and the reading of the minutes. Treasurer, Linda Sensenig, gave her report. The meeting was adjourned, and Kathy Ruoss led the members in a game. Game leader, Brenda Hooper, also led the club

Junior Beef Cattle Field Day Draws 314

More than 300 Pennsylvania farm youngsters and adults attended the recent series of four junior beef cattle field days held throughout the state. They were designed to help youngsters do a better job with their beef steer and heifer projects, and were sponsored by the Pennsylvania Junior Angus Association in cooperation with the American Angus Association.

Hosts for the events were Snow Hill Farm, Coatesville; Springwood Farm, York; Byrn Ayron Farms, Ebensburg and Dongoe Farm, Smith Ferry. Each field day featured a type demonstration by Don Pollock of the American Angus Association, a calf grading demonstration by Ben Morgan, extension livestock specialist, and a judging contest. The program also included fitting and showing demonstrations by local cattlemen. Special awards were made to the judging contest winners.

In a game Refreshments were served, and members worked on their projects.

There were eleven girls and three leaders present.

Sterile Gypsy Moths Released To Curb Pest

HARRISBURG—Sterile male gypsy moths are now being released by the Pennsylvania and the U.S. Departments of Agriculture in a continued effort to curb the destructive pest.

Nearly 40,000 male moths, sterilized by radioactive materials, are presently being released in Berks, Spring, field and Tinticum townships in Bucks County and in Williams Township in Northampton County. An additional 16,000 will be released later this month in sections of Carbon, Luzerne, Pike and Wayne counties.

The sterile males will mate with female moths which will then produce infertile eggs.

The use of sterile moths is a "back up" measure used in conjunction with insecticides, according to Henry F. Nixon, director of the agriculture's Division of Plant Control.

He said that the areas where the sterile moths are being released were sprayed with an insecticide two months ago when gypsy moth eggs began

hatching into caterpillars.

He explained that neither the spray nor the sterile moths, used singly, could eradicate the insect whose caterpillars have been defoliating and killing millions of trees in northeastern states for nearly a century.

The sterile moths, Nixon said, are just as vigorous and aggressive in finding a mate as normal moths. Forty sterile moths are being released for every estimated female to ensure a high degree of mating control, he added.

The insects, in the pupa (cocoon) state, are being shipped from the U.S. Department of Agriculture's Plant Pest Control Division in Moorestown, N.J. to a field laboratory in Allentown where they are held until they emerge as moths.

The gypsy moth control program is a cooperative effort by the state and federal agriculture departments.

CLOTHING ALTERATIONS

Some extensive alterations of ready-to-wear clothing are not worth the time, money, and effort, reminds Bernice J. Sharp, extension clothing specialist. Neckline, shoulder, and armhole changes often are time-consuming and difficult. Complicated style usually limit alterations that can be made.

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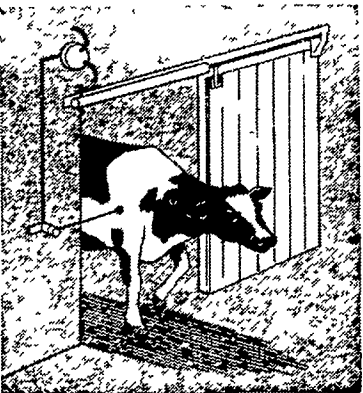
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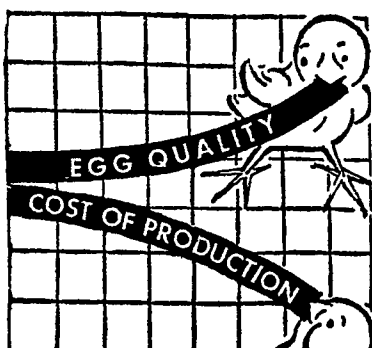
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Pa. Angus Breeders Elect New Officers

New officers were elected for the Pennsylvania Angus Association at the organization's recent annual meeting at State College. The meeting was held the evening before the annual Pennsylvania Angus field day at Penn State University.

Raymond Tait, Mercer, was elected president and Conrad

Grove, Pottstown, is vice president. New secretary-treasurer is Jay E. Coble, Hershey. Directors are Robert Reitz, Milton, and Ben Morgan, University Park.

At the field day the following day, the top junior Angus showmen in the state were selected. The two winners, Sam Wiley, Nottingham, and Richard Rishel, York, will represent Pennsylvania in the National Junior Angus Showman-

Few Pets Are Rabid, Says Diagnostic Chief

HARRISBURG—Think twice before having a pet destroyed and its brain examined for ra-

bies was the plea made Thursday by the Pennsylvania Department of Agriculture.

All too frequently the destroyed animals were confined pets which nipped a youngster because they disliked being manhandled, Dr. Palace H. Seitz, chief of the Department's diagnostic laboratory, said.

"Parents should realize that rabbits, dogs and other pets, which have been cooped up all their lives, couldn't be infected with rabies because they have never been exposed to a bite from rabid wildlife," Seitz said.

Seitz said animals suspected of having rabies should be se-

Ohio Farm Girl Is New American Dairy Princess

Regan Linn Davis, 19, daughter of Mr. and Mrs. H. Clair Davis, Kinsman, Ohio, was crowned recently as the 1967-68 American Dairy Princess in a ceremony held at the Continental Plaza Hotel. She won the title in competition with 29 state finalists. The alternate princess is Connie Jane Dunavant, 18, daughter of Mr. and Mrs. Gene Dunavant, Pulaski, Tennessee. Jean Huls, 21-year-old daughter of Mr. and Mrs. Joseph Huls, Salem, South Dakota, was voted "Miss Congeniality" by the other contestants.

The contest is sponsored by the American Dairy Association, the farmer-financed dairy foods research and promotion organization. The American Dairy Princess will travel on behalf of the association during the coming year, appearing at many meetings throughout the country.

The new princess, who succeeds Carol Ann Armacost of Maryland, is 5 feet, 4 inches tall. She has auburn hair and brown eyes. She lives with her family on a 200-acre dairy farm.

Miss Davis is a graduate of Joseph Badger High School where she was a member of the National Honor Society, president and vice president of the student council, homecoming queen, class secretary, class representative and a cheerleader for four years. She is presently attending Kent State University and has completed two speech courses.

curely confined for observation by a veterinarian.

Technicians at the diagnostic laboratory, located in nearby Summerdale, examine thousands of animals each year for rabies and other diseases. Approximately 12 rabies cases, most of which are wild animals or farm animals bitten by infected wildlife, are diagnosed annually.



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Feed RED ROSE 14 TEST-COW FEED as it comes from the bag. It can be fed at all seasons but is particularly helpful during warm summer days to keep appetites from lagging. Test-Cow Feed is made from high quality grains and proteins; is high in fat, minerals and digestible nutrients.

Decide now to use Red Rose 14 Test-Cow Feed and other Red Rose Dairy Feeds! Call your dealer and order what you need. You'll be pleased with his service, too.

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Moisture And Warm Weather Push County Crops



TOBACCO about ready to sucker this week looks like it'll provide a heavy crop for Aaron Z. Stauffer of Ephrata R1. The tall corn, below, was also seen

this week on the Stauffer farm. It was planted just before the May rains started, and fifty percent of the planting is in silk. L. F. Photo



Expanded PFA Plan Kicked-Off Here For State

A series of ten meetings was initiated at Lancaster's Holiday Inn this week to explain the expanded program of the Pennsylvania Farmers' Association to PFA officers from five southeastern counties.

It was explained to the local leadership that their delegates had adopted an aggressive program in six categories: purchasing farm supplies; public relations; opening county offices; new marketing approach; accident insurance; county dues structure; and a PFA office building committee.

Nine later meetings for county officers in the rest of the state will offer similar explanations of the proposed PFA expansion program.

Representing PFA's largest county membership, Lancaster, were Noah Wenger, Stevens R1; Mr. and Mrs. Clyde Wivell, Columbia R1; Donald Nev. Marietta R1; John Charles, Millersville R1; James Martin, Delo Road, Clyde Buchen, Manheim R3; James Wood, Nottingham R1; James Kreider, Quarryville, and Edna Mentzer, New Holland R1.

PENNSYLVANIA YORKSHIRE CO-OPERATIVE ASSOCIATION, INC. Sponsors 2 Quality Pork Events

August 3 and 4, 1967

Farm Show Bldg., Small Arena, Harrisburg, Penna.
Thursday, August 3, 9:30 A.M.

Live Evaluation certified litter contest.
Cash prizes for Junior and Senior contests.

1:00 P.M. — Purebred breeders responsibility to youth — Don States, Swine Mgr., Old Home Manor Farm. Underline blemishes, sow feeding — Dwight Younkin, Penn. State Extension in charge. National Pork Council, John Henkel, Willow Glen Farm.

FRIDAY, AUGUST 4, 2:00 P.M.
Showing and Judging of Yorkshire Sale Animals.
6:30 P.M. — Sale of Yorkshires

60 Head Bred Gilts — 30 Littermate Pairs of Open Gilts — 20 Boars

4:00 to 8:00 P.M. — Barbecue by Pennsylvania Livestock and Allied Industries.

Judges: Wilbur Plager and Nevin Zerbe
Auctioneer: Abe Diefenbach
For catalog write or call

Wellington A. Hiester, Sr., Sec'y-Treas.
R3, Fleetwood, Pennsylvania 19522
Phone: 215 944-8579

or Reno H. Thomas, President
Beavertown, Pennsylvania 17813
Phone: 717 658-6719

Ignorance is always more expensive than education.

FARM SOLD Complete Dispersal of Farm Machinery —Crops—Silos

for
Derry Manor Farms, Inc.
Cochranville, Pennsylvania

Saturday, August 19
at 9:00 A.M. Prompt

On the premises, 8 miles north of Oxford, 2 miles south of Cochranville, ½ mile west of Route #41 — Chester County. (Watch for sale arrow on Route #41.)

TRACTORS

Three John Deere "4020" dsl. tractors; John Deere "3020" dsl. tractor; John Deere "110" lawn tractor; International "3816" industrial dsl. tractor w/ind. loader; Daffin feed mobile unit w/GMC dsl. motor — stationary; Herd King 36' x 60' silo w/top and bottom unloader; Harvestore 20' x 40' silo; Harvestore 20' x 50' silo (18 months to remove silos); 2 Farmec "Model 571" dump feeders 85' and 95'; also, 12 Farmec 10" augers from 15' to 85' in length; 3 trucks — 4 tandem box and feed trailers; 200 acres of growing corn; full line of farm machinery, feed, minerals, tools and miscellaneous items used in a large steer feeding operation.

AUCTIONEERS' NOTE:

This is one of the largest accumulations of outstanding farm machinery to be offered at public auction, all has been purchased from 6 months to 3 years.

Full particulars later.

Mail for brochure to:
L. Robert Frame, Auctioneer
Box 128
Exton, Pa. 19341
Dial: 215-363-7379

Mail Box Market

For Sale — 8 Holstein heifers, due in next several weeks, will sell as they freshen. Also N. H. flail chopper \$425. Vernon H. Charles, 2249 Leabrook Rd., Lancaster, Ph. 898-7460.

For Sale — German Shepherd puppies, purebred. Vinegar, homemade, 50c a gal. John A. Hoover, East Earl R1, 1 mi. northeast of Goodville.

For Sale — 8' x 29' house trailer, equipped with gas stove, elec. water heater, refrigerator, asking \$250. Call 872-8418.

For Sale — Fox short hopper blower with 60 ft. pipe. Good condition \$125. Phone 548-2559.

For Sale — Two new silage distributors, self powered. Priced to sell below regular price. Tel. 442-4949 after 5:30 p.m. and 1 p.m. Sat.

For Sale — Good Beagle pups. Call 786-3059.

Sale Register

MON., JULY 31 at 4 P.M. — Horse & Pony sale, Martin's Sales Stables, Blue Ball, Pa. Paul Z. Martin.

FRI. AUG. 4 — at 6:30 p.m. — Sale of Yorkshires by Penna. Yorkshire Co-Op Assoc., Inc. Farm Show Bldg., Small Arena, Harrisburg, Pa.

FRI. AUG. 11 — at 8:00 p.m. Registered & Grade Fresh & Springing Young Cows and First Calf Heifers, at The Dairy Barn Arena at the Aberdeen Sales Co., Churchville, Md.

SAT. AUG. 19 — at 9:00 a.m. Complete Dispersal of Farm Machinery, crops, silos on the premises, 8 miles north of Oxford, 2 miles south of Cochranville, ½ mile west of Route

BIG HORSE and PONY SALE

Monday, July 31, 1967 at 4:00 P.M.

MARTIN'S SALE STABLES
BLUE BALL, PA. LANCASTER COUNTY

Outstanding Saddle-Bred and Standard-Bred Horses. Harness, Pleasure, Carriage and Driving Horses. Brood Mares. Fifty head of Ponies, Tack, Wagons, Sleds & Carts. Consigned Horses.

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PUBLIC AUCTION

FRESH AND SPRINGING YOUNG COWS
AND FIRST CALF HEIFERS
REGISTERED AND GRADE
70 — HEAD — 70

Sale to be held in the dairy barn arena at the Aberdeen Sales Co. located on Md. Rt. 22, 6 mi. east of Bel Air, Md. and 6 mi. west of Aberdeen, Md., in Churchville, Harford Co., Md., on

FRIDAY, AUGUST 11, 1967
Night Sale 8:00 P.M. EDST

We will sell the entire herd of L. G. Scarborough of Street, Md. Mr. Scarborough is discontinuing the dairy business. The majority of the cows are fresh or close springing. The balance is in full flow of milk and bred for fall freshening.

We will sell one load of fresh and springing cows and heifers from James Carter of Brampton, Ontario, Canada.

We will sell one load of fresh and close springing cows and heifers from New York State.

Jourdan Brothers of Stewartstown, Pa., will sell two Osborn-dale Ivanhoe cows at sale time which are due.

NOTE: If you are looking for additional cattle for average months, plan to attend this sale.

All cattle are T.B. Accredited and Certified Bangs Free. Tested within 30 days of sale.

For consignments or information, call: 734-6050, 734-7105.

TERMS — CASH

ABERDEEN SALES COMPANY
Sale Managers

Dairy sale held 2nd Friday of each month.



CLASSIFIED ADS

CALL
394-3047 or 626-2191
TO PLACE YOUR
CLASSIFIED AD

Mail Box Market

Wanted - Housekeeper, live in, gentleman (other help kept) complete charge, drivers license needed, room board, own car, modest allowance. Farm in county with pond. Will accept woman with child. Permanent G Matlack, P.O. Box 195, Glen Moore, Pa. Phone 215-942-9295

For Sale - Horse drawn grain binder, needs minor repair Anna Larson, R.D. 3, Oxford, Pa. Ph. 215-932-8939.

For Sale - Wooden Silo, size 1240; Approx 100 boiler feeders. Ph. 872-5663

For Sale - Cut Gladiolus, all colors. Phone 665-5739.

Miscellaneous

For Sale - Mushroom Soil to beautify your lawns and gardens. Any amount. Gap Newport Mushroom Farm, Phone AC 215-268-8808, Lanc. Area Ph. 394-2611.

Mail Box Market

For Sale - Redcoat wheat certified 1966, 3 tobacco wagons, 7,000 tobacco lath, tobacco press, super s/x loader, range shelter. 426-4539. C. Roy Bixler, R.D. #1, Marietta, Pa.

For Sale - 6 puppies, 9 weeks old, cross between Eskimo and Collie, \$5 each Ph. 548-2444.

Farm Equipment

IHC 8 ft. grain binder; IHC riding cultivator; IHC steel wheel wagon; IHC #9 mower on rubber, 6 ft. cut. Harold Sample, Ph. 786-3087.

Very special price on new Meyer hay conditioner with cutter bar.

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Used Model 55 John Deere Self-Propelled Combine.
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Good used no. 68 N.H. Balers. Also Alis Chalmers D17 Tractor.

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LINCOLN WELDERS-180 amp -\$83 225 amp-\$93. Hiestand, Inc., Marietta R1, Ph. 426-1101.

John Deere 14T P.T.O. Baler New Holland 68 P.T.O. Baler A.B.C. GROFF, INC New Holland, Pa. Ph 354-8001

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John Deere 1010 Crawler w/ loader and scarifier.

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Livestock For Sale

For Sale - Purebred Yorkshire boars, bred gilts and open gilts. Carcass championship bloodlines. Willow Glen Farm, R.D. 1, Strasburg, Pa. Ph. AC 717-786-2562.

Purebred Yorkshire boars for sale, ready for service. Call 626-7738.

Household Goods

BARGAINS GALORE!

Refrigerators, \$20 up; electric stoves, \$25 up; automatic washers, \$35 up; wringer washers, \$20 up; Easy Spin washers, \$35 each; electric dryers, \$25 up; sofas, \$8 up; upholstered chairs, \$25 up; 40 TVs, \$25 up; table radios \$65 up; coffee tables \$25 up; single and double beds, complete, \$12 and \$15 each. 7000 hard cover books, 10 cents up; magazines, 6 for 25 cents; dishes, pots and pans, knick-knacks, toys, antiques, table and floor lamps, chests of drawers, odd wooden and metal chairs, clothes and shoes for the entire family, plus thousands of other items on display and arriving daily at low, low prices. All in 30,000 square feet of show room space

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Oxygen Free Silos



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Builders of Farm Systems

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Specials on New Equipment—170 bu. gravity boxes \$189; 3 pt. rotary mowers \$295; corn drags \$145; post hole diggers \$135; 1100 & 1400 bu. corn cribs, forage wagons, harvesters, 1 and 2 row potato diggers; big selection of corn pickers; tractors of all sizes.
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340 gal. Girton Bulk Tank, MCD No 1 approved. 230 gal. Girton Bulk tank MCD No. 1 approved. two 350 gal. Esco bulk tanks. Used Ironrite Ironer.

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Milk Tanks used 360 vacuum, 300 and 800 vacuum Majonier 650 Esco, 300 Esco, All Dr. Walker, and New York State approved We will buy or trade your tank All tanks guaranteed. Call collect - Curry Supply, 814-793-2829 Curryville, Pa.

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Direct Factory Poultry
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with Complete
Warehousing & Service

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STARTED PULLETS
 Phone DeKalb York Hatchery, A.C. 717-255-7741 or DeKalb District Sales Office, Lancaster 464-3444; or call 768 3962 or Ephrata 733-7671.

For Sale—USED EQUIPMENT: Turkey Range feeders, \$15; Gas Brooders, \$12 each; Porcelain Cage water trough, 26c per ft. Phone 354 5168

FRIDAY, AUGUST 4, 1967

Sale of Farm Equipment, Tractors,
Tools and Machinery

Located in Lincoln, Pa., Rt. 322
one mile North of Ephrata at the

Garden Spot Equipment Auction, Inc.

For Information Call the following numbers
Area 717 733-7917 665-4806
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NEW FARM EQUIPMENT SPECIALS

	reg	SALE
No. 27 Baler	\$1941	\$1550
No. 10 Auger Cart	792	500
No. 33 Hay Conditioner	1036	825
No. 455 4-row Corn Planter w/fert. attach.	1267	1000
No. 411 Plow, 4-F, 3 pt. hitch	819	620
No. 209A 2-F, Plow 3 pt. hitch	396	250
No. 10 13x7 Semi-Mounted Grain Drill	947	695
No. 816 9 ft. Mower-Conditioner	2197	1825
No. 9-A 9 ft., 2" Disc Harrow	736	580
No. 51 Forage Feeder Pick-up attach. for #16 Harvester	1697	1475
	538	350

International Harvester Sales & Service
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SWEET CORN PROCESSING

Experienced Corn Picker Operators
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MEN and WOMEN
FOR DAY AND NIGHT WORK

FROM AUGUST 1 THRU SEPTEMBER 30

JOHN F. COPE CO., Inc.

Office Address:
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Plant Locations — Rheems, and East Petersburg, Pa.
Office Phone 898-2206

IT FIGURES!



My milk check is bigger again this month than it ever was before I fed my cows Green Pastures Dairy Pellets! My profit is bigger too. Without a doubt those are the two most important benefits. Besides that, my herd is healthier and more productive. Want to prove it? Feed your cows Green Pastures Dairy Pellets starting today. You'll soon be enjoying bigger milk check benefits too.

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Lancaster Farming

SECOND SECTION

Herringbone Milking Systems Best For Any Size Herd, ARS Reports

Herringbone milking layouts, besides providing faster, more efficient milking of dairy herds than other types of milking systems, also adapt well to a wide range of herd sizes.

ARS agricultural engineer Thayer Cleaver reached this conclusion after a study of 57 herringbone parlors ranging in size from layouts with two rows of four cows each to two rows with 12 cows each. Herd sizes varied from 37 cows in lactation to 760. Most of the cows tested were Holsteins. The California Agricultural Experiment Station at Davis cooperated in the study.

Herringbone layouts require less stooping, bending, and walking than conventional milking barns. These features, plus the compactness of the herringbone, mean faster milking, more efficient use of labor, and lower building costs per cow.

Despite the labor-saving revolution in agriculture, dairying continues to require a lot of labor at the milking stage. It still takes manpower to move cows in and out of the milking parlor, prepare them for milking, attach milking cups, operate feeding devices and clean up. Increasing milk output on dairy farms has accentuated this bottleneck. Herringbone permits near-capacity operation of pipe-

line milkers, bulk tanks, and overhead automatic feeders. There is little or no dead time during milking, ARS reports.

In addition, herringbone layouts save space by placing cows in two rows along opposite walls and angled outward at about 30° — as in the herringbone weave. At pit working area down the center separates the rows. Each cow stands snugly against her neighbor, head toward the outer wall. The cow, positioned at an angle, juts her rump just beyond the neighbor's. This makes udders readily accessible and gives the operator space for chores.

In some areas, dairymen have been slow in accepting herringbone and other types of elevated stalls because of the high cost of changing from one system to another. However, many dairymen who have had to relocate their dairies have switched from conventional to elevated types. Those who switched to a herringbone give these reasons for the change:

Lower investment in the milking structure;

Fewer milkers are required; The milking rate per operator is generally higher;

Herd size can be increased without increasing the number of operators;

Less labor turnover because of easier milking operations.



Joseph McGahen

Former Manheim Vo-Ag Teacher To Ext. Post

Joseph H. McGahen, who served as vocational agriculture instructor for 11 years at Manheim Central High School, was recently appointed to the extension staff at Penn State University as an agronomist.

In making the announcement, Thomas H. Patton, extension director, noted McGahen will provide leadership in carrying out educational programs in the areas of corn cul-

(Continued on Page 17)

Baby Beef Club Tour Set Aug. 2nd.

Grange Project Deadline Aug. 1 In \$70,000 Event

HARRISBURG — Nearly 500 service projects that range from eye banks to community centers, now nearing completion in as many localities throughout Pennsylvania, will compete in a \$70,000 nationwide community progress contest, State Grange announced this week.

John W. Scott, master of the State Grange, said 478 of the state's 643 subordinate Granges are sponsoring the local projects as part of their work in community service. Similar programs are under way in the other thirty-seven states where the Grange operates.

Many of the projects have been developing over the past two years, Scott noted, adding that Pennsylvania winners will be announced at the State Grange convention next October 23-26 at Gettysburg. The first-place winner from each of the states will compete in the national finals. These results will be announced at the National Grange convention next November 12-21 at Syracuse, N.Y.

The national winner will get \$10,000. Nine runners-up will get awards ranging from \$1,000 to \$5,000. Incentive awards ranging up to \$200

The annual tour of the Red Rose 4-H Baby Beef and Lamb Club is scheduled for Wednesday, August 2nd, according to an announcement this week by county agent M. M. Smith.

The tour will originate at 8:30 a.m. at the farm of club leader J. Harold Frey, Marietta R1. Farms to be visited in the morning include: Lewis Bixler, Harold Ney, and Richard Yunginger, all of Marietta R1; and Clyde Wivell, Columbia R1.

The group will picnic in Salunga Park, and Smith reminds the 4-H'ers to bring their own food and eating utensils. Soft drinks and ice cream will be available, he adds. Following lunch there will be softball games and general relaxation.

Starting at 2 p.m., three farms in the Mount Joy area will be toured. These include the John W. Neff, Wilmer Nisley, and Paul Hess farms.

All beef club members making the trip will get credit for meeting attendance, Smith notes, adding that friends and parents of members are also welcome to come along.

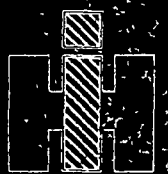
will be distributed at the state level.

Sponsors are the National Grange and the Sears Roebuck Foundation. All projects will be judged on their contribution to community betterment, and all award money must be used for the further improvement of localities in which

(Continued on Page 17)

*Another 1st...
to serve the farmer*

Hydrostatic Drive 656 Tractor



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INTERNATIONAL
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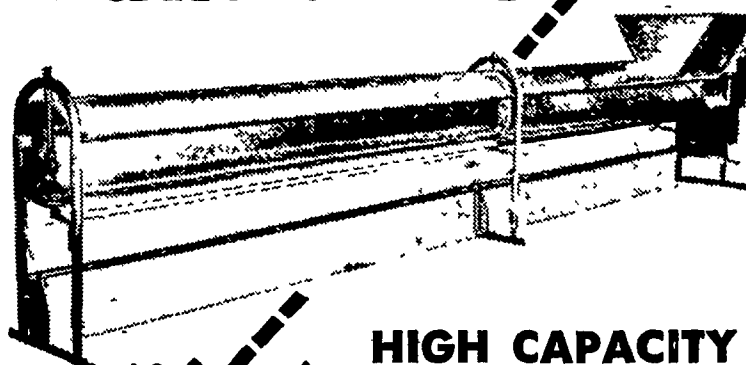
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Save time! Save on labor!

VanDale S-17



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**HIGH CAPACITY
AUTOMATIC
BUNK FEEDER**

GIANT CAPACITY

A powerful 9 inch auger is offset within a giant, fully enclosed 12-inch steel hood. This unique design provides a reservoir for silage and feeds the full length of the feeder, greatly increasing the capacity and speed with which feed moves to the livestock. Handles the output of the largest silo unloader with ease.

FEEDS ENTIRE HERD AT ONE TIME

Feed is augered the full length of the enclosed hood and is then automatically dumped into the feeding bunk, providing equal rations to each head of livestock at the same time. No cattle crowding. No spilled and wasted feeds. When feed is dumped, the hood closes automatically and repeats as often as needed.

SILENT, CLOG-PROOF OPERATION

Powerful 9-inch auger never touches the metal hood; eliminating metal-to-metal friction and providing the right clearance to prevent binding and clogging even when materials have high moisture content. Horsepower requirements are greatly reduced too.

LET US GIVE YOU COMPLETE DETAILS OF THE AMAZING VAN-DALE S-17 BUNK FEEDER

CALEB M. WENGER

R. D. 1 Drumore Center 548-2116 Quarryville, Pa.

For the Farm Wife and Family

By Mrs. Richard C. Spence, Food Editor

Tips On Summer Preserving



SPENCE

2 For extracting fruit juice for jellies, use a fruit press or a jelly bag made of firm unbleached muslin, cotton flannel with napped side in, or several thicknesses of closely woven cheesecloth.

3 For the cleanest jelly put the cooked fruit in a jelly bag and let it drip without squeezing the bag (which is slow). If you squeeze the bag or use

a fruit press strain the juice through a jelly bag that has been dampened; and do not squeeze.

4 The "sweep" hand of an electric clock, or a clock or watch with a "second" hand is helpful for accurate timing of short cooking processes used for products made with added pectin.

5 A household scale is handy

for determining the amount of fruit to prepare.

6. A jelly, candy, or deep-fat thermometer is an aid in making fruit products without added pectin.

7. Other equipment needed and generally found in most kitchens includes: Standard measures, quarts, cups, spoons, paring knives, food grinder or chopper, masher, reamer, grater, bowls, wire basket, collander, long handled spoon and ladle.

Grape Conserve isn't something you find on every grocer's shelf. Consider making your own while grapes and raisins are plentiful and prices are favorable. When you serve it to family and friends you'll feel well rewarded.

GRAPE CONSERVE

4½ cups grapes with skins removed (takes about 4 lbs. Concord grapes)
1 orange
4 cups sugar
1 cup seedless raisins
½ teaspoon salt
Skins from grapes
1 cup nuts, chopped fine

To prepare fruit: Sort and wash grapes; remove from stems. Slip skins from grapes, save skins. Measure skinned grapes into a kettle and boil, stirring constantly, for about 10 minutes, or until the seeds show. Press through a sieve to remove seeds. Chop the orange

To make conserve: To the freshly picked and processed sieved grapes add the orange, sugar, raisins, and salt. Boil rapidly, stirring constantly until the mixture begins to thicken (about 10 minutes).

Add the grape skins, and boil stirring constantly, to 9 degrees F. above the boiling point of water (about 10 min.). Do not overcook; the mixture thickens more on cooling. Add nuts and stir well.

Remove from heat; skim, ladle conserve into hot containers and seal immediately. If you do not use canning jars that seal, cover hot fruit mixture in each jar or glass with a thin layer of hot paraffin (about ¼-inch thick). Makes 10 to 11 six-ounce glasses.

PICKLE END-OF-SEASON FRUITS AND VEGETABLES

—Tangy, crisp pickles stimulate appetites and add zest to meals all the year around. Take advantage of the plentiful supply of vegetables and fruits at harvest time to make your own pickles and relishes.

To be sure your pickles turn out well, use only the best ingredients, modern, tested recipes and proper equipment. Be careful to follow directions exactly and to store the pickles properly. For pickling, fruits and vegetables should be

Use unwaxed cucumbers for pickling whole, because the brine cannot get through the wax. Also, be sure to remove the cucumber blossoms completely, because the blossom may cause the cucumber to soften during fermentation.

Use a high quality vinegar with the standard four to six percent acetic acid. Mild tasting cider vinegar blends flavors better than the white vinegar, but it may darken light colored vegetables or fruits. When color is important, as with pears, onions, and cauliflower, use the white distilled vinegar. Do not dilute the vinegar unless your recipe specifically mentions it. Add sugar for a less sour pickle. Either white granulated or brown sugar works well.

Use pure granulated salt, if you can find it. The caking preventives in iodized table salt may make the brine cloudy and iodized table salt may darken pickles.

Last year's spices have lost their punch, use fresh spices for the best flavor. Unless the

(Continued on Page 15)

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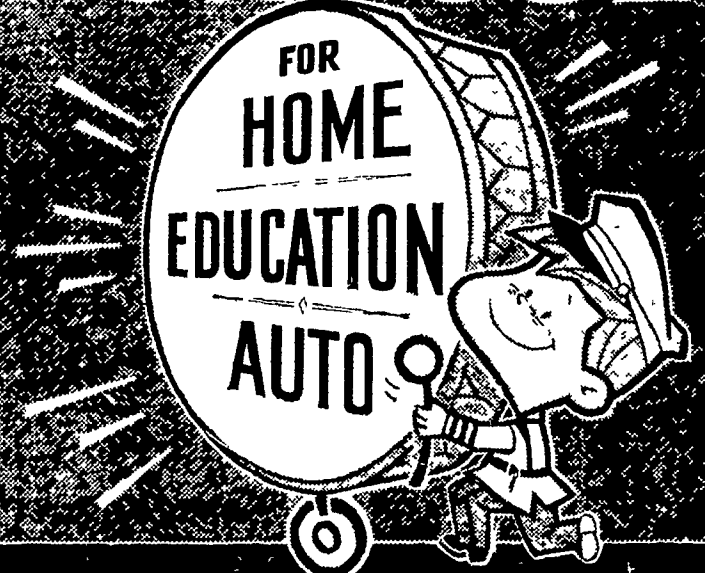
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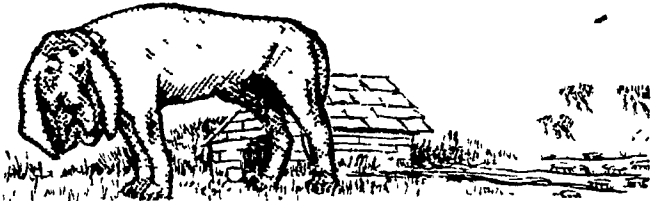
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O For The Farm Wife

(Continued from Page 14)

recipe specifies ground spices, use whole spices. Ground allspice, cinnamon and cloves will darken pickles.

Use aluminum, stainless steel, glass or unchipped enamel pans. Copper, brass, galvanized or iron pans should never be used since these metals may react with vinegar or salt, causing an off-flavor.

Canned pickles are best stored in a dark, dry, cool place where there is no danger of freezing.

Jars of pickles and relishes must be sealed airtight while boiling hot or else processed in a boiling water bath long enough to destroy dangerous bacteria, molds and yeasts. There is always some danger of spoilage organisms entering the food when you transfer it from kettle to jar, even when you use the greatest caution. Most specialists recommend additional heat processing instead of the open-kettle method for this reason.

There are many causes for poor-quality pickles. Too strong a vinegar sugar or salt solution can result in shriveled pickles. Overcooking or over processing can also cause shriveling. Cucumbers that developed poorly on the vine or that were kept too long between picking and processing will often be hollow when picked. Hollow cucumbers usually float, so you can often detect them before pickling. Fermented pickles may be hollow if the fermentation was too rapid or the wrong strength brine was used.

Spoilage organisms such as bacteria, molds and yeasts cause slippery, soft pickles. Open-kettle canning or insufficient heat processing, too

weak a salt or vinegar solution, or a non-airtight seal may allow the organisms to grow. Do not eat soft, slippery pickles.

When pears are plentiful consider pickling some. Home-made pickles and relishes can make the difference between meals that are long remembered and those that are soon forgotten.

PICKLED PEARS

2 quarts sugar (3½ lbs.)
1 quart vinegar, white
1 pint water
8 lbs. seckel pears (4 or 5 quarts)
8 2-in. pieces stick cinnamon
2 tablespoons cloves, whole
2 tablespoons allspice, whole

Combine sugar, vinegar, water, and stick cinnamon; add cloves and allspice that are tied in a clean, thin white cloth. Bring to a boil and simmer, covered, about 30 minutes.

Wash pears, remove skins and blossom ends; the stems may be left on if desired. To prevent peeled pears from darkening during preparation, immediately put them into cold water containing 2 tablespoons of salt and 2 of vinegar per gallon. Drain just before using.

Add pears to the boiling syrup and continue simmering for 20 to 25 minutes. Pack hot pears into clean hot pint jars; add one 2-inch piece cinnamon per jar and cover with boiling syrup to ½ inch of top of jar. Adjust jar lids.

Process in boiling water for 20 minutes (start to count processing time as soon as water in canner returns to boiling). Remove jars and complete seals if necessary. Set jars upright, several inches apart, on a wire rack to cool. Makes 7 to 8 pints.

GRANGERS HOLD PICNIC, PLAN AUGUST ACTIVITIES

Fulton Grange #66 held its annual picnic July 24, at the Grange Hall, Oakryn, with about seventy people enjoying games under the direction of Mr. and Mrs. Sherman Hill.

The youth committee will sponsor a swim party and doggie roast at the home of Mr. and Mrs. Earle Gilbert, Sr., near Port Deposit, Md., August 3. Grange members and friends will leave the Hall in a group at 7 p.m.

Miss Jennette McCummings will present a varied program at the next meeting, August 14, which will include folk games in charge of Mrs. Ambrose Giffing, talks, and special music.

Lancaster County Pomona Grange will hold its annual picnic at the Quarryville Memorial Park Saturday, August 19, at 7 p.m. as guests of Colerain Grange. Grangers and friends should bring a meat dish, another dish, and their own plates and silver. Rolls, butter, drinks, tablecloth, napkins and cups will be provided. Games will be in charge of Miss Helen Wanner of Saksbury Grange.

For Your Information

House plants breathe through tiny pores that lace their leaves. If these pores become clogged, the plants may wither and die. That's why it's important to remove dust and soil regularly from the leaves. The easiest and best method for cleaning the leaves is to wipe them gently with a damp soft cloth. You can set small plants in the sink and spray them with a fine mist. Keeping leaves clean and pores open helps the plants to keep their luster and to stay healthy.

For the Farm Wife and Family Ladies, Have You Heard? . . .

By Doris Thomas, Extension Home Economist

Barbecuing Chicken Outdoors

Buy birds of about equal weight so they cook uniformly and yield equal servings.

You'll get good results from fryers or broilers weighing from 1½ to 2½ pounds.

For best barbecuing, buy birds that are split in half lengthwise.

Break the joints so they'll be as flat as possible before you put the chicken on the grill.

Skewer the wings and legs to the bodies to make the halves more compact. It will also give you more room on the grill.

Lemon Has Many Uses

Lemon's tangy flavor enhances almost any dish, and its acid content makes it useful in other ways.

Be careful to measure the amount of juice you need exactly.

Dip fresh fruit, such as peaches, apples, and pears, in lemon juice to prevent the fruit from turning brown.

Potatoes cooked in water to which you've added a little lemon juice will stay white. But too much lemon juice will harden the potatoes. It's best to add the juice halfway through the cooking period.

Add lemon juice to flavor vegetables just before serving. Green vegetables turn an unattractive olive green and require longer cooking time if you add the juice before serving.

To prevent curdling when making sour milk for recipes, always add lemon juice to milk, not milk to lemon juice.

Add lemon juice to pudding and pie fillings after the mixture has been cooked. It will help prevent thinning of the filling.

You can buy lemons fresh or in bottled juice form, frozen lemonade, and other products. Lemons are an excellent source of ascorbic acid (vitamin C).

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Are both manufacturer and dealer reliable?

Will it be easy to use?

Will it be easy to care for?

Where will you store it?



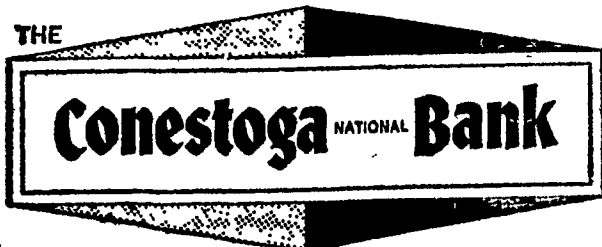
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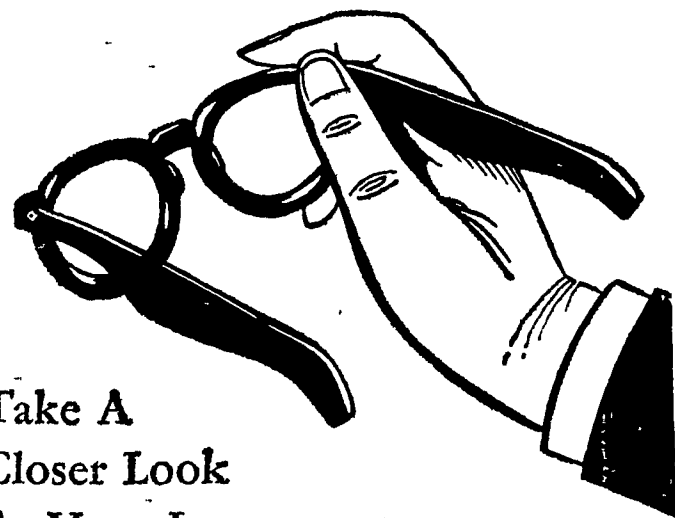
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Futures Trading Volume Breaks Previous Record

Volume of trading in agricultural commodities on regulated futures markets advanced to a new record in the fiscal year ended June 30, 1967.

This was reported recently by the U. S. Department of Agriculture in its release of fiscal year data from the Commodity Exchange Authority.

For the fifth successive year, commodity trading exceeded the record set in each of the previous years, CEA said. Futures trading in the 15 commodities regulated by the agency in fiscal 1967 increased 17 percent to 16.9 million transactions, valued at \$75 billion.

Corn was the commodity leader in fiscal 1967 futures markets. Volume traded—13 billion bushels—was more than double that of the previous year, and was the largest on record. Virtually all of the corn trading was on the Chicago Board of Trade.

CEA Administrator Alex C. Caldwell said the spectacular increase in corn was the result of a combination of unprecedented hedging and speculation in that grain during the year. Open contracts in corn climbed to an alltime high of 423 million bushels in November 1966.

In wheat futures, volume of trading on all markets last year

was 10.4 billion bushels—almost 75 percent larger than the trading of the previous year. Of this total, 8.9 billion bushels were traded on the Chicago Board of Trade. Wheat volume on the Kansas City Board of Trade set a new record for that market at 1.1 billion bushels—the largest volume since 1929-30.

Soybeans, the leader in recent years, declined in volume to 9.5 billion bushels, but ranked in third position among regulated commodities traded in 1966-67.

Other grains with increased volume of trading during fiscal 1967 were oats and grain sorghums. Rye volume was sub-

stantially lower than in the previous year.

Potato trading on the New York Mercantile Exchange reached a record of 702,460 carlots during fiscal 1967, exceeding the previous record of 602,521 carlots two years ago.

Another recordbreaker was the soybean meal market at Chicago, where trading volume reached 42,317,800 tons and exceeded the 1965-66 record by 12 percent.

Trading activity in the cottonseed oil market receded to 3,689 contracts, down more than half the volume of the previous year. Soybean oil volume of 429,746 contracts in fiscal 1967 reflected a lesser decline, down 27 percent from fiscal 1966.

Among the fibers, cotton and activity: Trading in butter was wool tops showed slight up-light.

At the fiscal year-end trading volume by nearly that of the activity in regulated commodities was continuing at a sub-

In eggs there was decreased substantial pace.

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Farm Chemical Effects Studied

The University of California, Los Angeles, will study the taste and nutritive value of fruits and vegetables as affected by commercial treatments with fumigants and fungicides under a \$117,029 contract with the U. S. Department of Agriculture.

The 28-month contract is sponsored by the Agricultural Research Service.

Fumigants are applied to the soil, mainly to control nematodes—which would otherwise destroy an estimated 10 percent of the annual crop production in the United States. Sweetpotatoes, pineapples, and strawberries are particularly susceptible, and entire crops can be wiped out in infected areas.

Fungicides are used by growers on control molding and rotting.

These chemical treatments, besides controlling plant enemies, may alter the available soil nutrients and metabolism of the plant. Chemical treatments, therefore, could affect not only the growth and yield of crops, but also their palatability, quality, and nutritive value.

UCLA scientists will check carbohydrates, proteins, amino acids, lipids, minerals, and vitamins in selected fruits and vegetables grown in commercial vegetable farms and orchards with and without accepted fumigant and fungicide treatments. A variety of crops and chemical treatments will be studied, but only those treatments cleared for regular commercial use will be included. Later, taste panels will check the color, flavor, and texture of the fruits and vegetables under study.

Dr. Gladys Emerson, a nutritionist and biochemist in the School of Public Health at UCLA, will be principal investigator. Dr. Gerald G. Dull, a biochemist with ARS, will coordinate the study.

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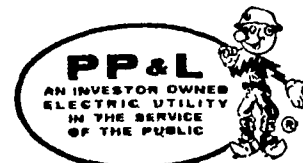
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tric bill and the service contract. Put them all together and you'll see why we say live the total electric way as the Evans family does.

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Off-Flavors In Milk Studied

Extent of off-flavors in dried and canned milk products — caused by substances known as lactones — depend on variables such as season, stage of lactation, fat production, and metabolic disturbances, a dairy scientist at Penn State University stated recently at meetings of the American Dairy Science Association at Cornell University.

Paul S. Dimick, assistant professor of food science, indicated the lactones occur in butterfat of milk. He and his associates have found that these lactones produce an off-flavor, tasting

like coconut. Their long-range experiments are aimed at controlling or removing the compounds producing off-flavors.

Butteroil samples from milk collected weekly from 276 dairy cows indicated a definite seasonal trend, being higher in lactone content during the winter and lower in the summer. When the cows were on pasture, the lactone potential averaged 67 parts per million compared to 96 ppm when the cows were fed at the barn.

Type of feed the animal eats seems to influence greatly the lactone potential, Dimick reported. A 25 percent decrease in lactone potential resulted when a heat-treated corn diet was substituted for the regular grain concentrate.

Dramatic shifts in lactone potential occurred during a complete lactation. Immediately after calving, the concentration was 25 to 30 ppm of lactone in the fat. This increased to about 160 to 170 ppm at 150 days. Lactone potential decreased during the remainder of the lactation period.

Analyses of two groups of animals, one of high-fat yield and another of low-fat yield, indicated the lactone potential was higher from cows producing low fat milk. As another factor, a sharp decrease in lactone concentration occurred when the cows had ketosis.

An estimated 2½ million young people are now engaged in some phase of 4-H work.

Area Milk Order To Be Amended

● McGahan

(Continued from Page 13)

ture, seed production, certification, and quality.

For the past four years, McGahan has been a research assistant in the university's agronomy department where he is completing requirements for a doctor of philosophy degree.

A native of Waterford, Erie County, McGahan received both his bachelor and master of science degrees in agronomy from Penn State. He is married to the former Elaine Hesketh, of Erie, and they are the parents of five children.

The U. S. Department of Agriculture recommended amending the Delaware Valley federal milk marketing order, this week. The order, covering mainly the Philadelphia, and Wilmington, metropolitan areas, and most of southern New Jersey, affects most Lancaster County dairymen.

Consumer and Marketing Service officials said the recommended decision is based on a public hearing June 12-13 in Philadelphia.

As recommended, pooling standards for supply plants would be revised to recognize shipments to pool plants in other federal order markets, in figuring pool status. However, a supply plant could not be pooled under the Delaware Valley order in any month when it shipped more milk to plants in another federal order area than to the Delaware Valley market. Through October, 1967, the latter provision would be waived for plants under full regulation since Jan. 1, 1967.

Also, as recommended, milk could be diverted to other federal markets for manufacturing (Class II) purposes, and still be pooled and priced under the Delaware Valley order.

Milk diverted from city plants to nonpool outlets within 125 miles of Philadelphia, would be priced f.o.b. the plant from which it is diverted, rather than at the plant receiving it.

● Grange Contest

(Continued from Page 13)

winning granges are located.

Scott said Pennsylvania Granges have ranked high in the community progress competition for a number of years. Current projects, he noted, focus on citizenship and leadership, cultural development, youth activities, safety, health, welfare, religious training, and education.

Competing Pennsylvania Granges must submit final reports to State Grange headquarters, 1604 North Second Street, Box 235, Harrisburg, 17108, by August 1, 1967.

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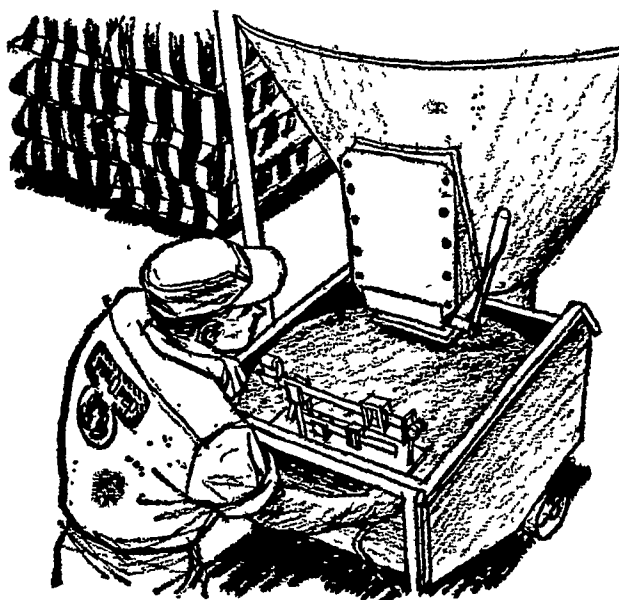
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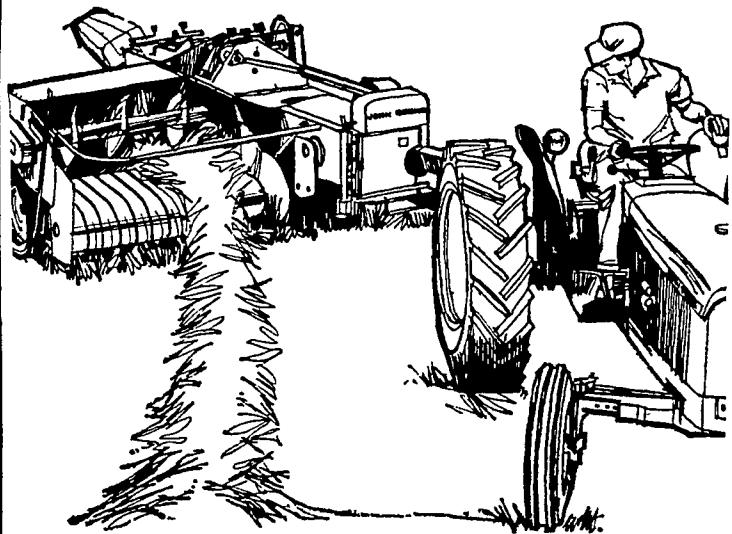
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Hutton Named PSU Ass't. Exp. Stat. Head

Robert F. Hutton, professor of farm management at Penn State University, has been named assistant director of the Agricultural Experiment Station at Penn State as of this month. The appointment was announced by Russell E. Larson, dean of the College of Agriculture, and M. A. Farrell, station director.

Experienced in computer use, Hutton has an initial assignment to apply computer oriented management control procedures to budgets and reports related to the program of agricultural research.

Hutton has been associated with the University since 1954 in the Department of Agricultural Economics and Rural Sociology. For several years his research led to development of linear programming models to blend feed and formulate live-stock and poultry rations. He describes linear programming

as a mathematical technique to maximize profits or minimize costs, considering all available resources and restrictions.

In more recent work he has employed computer simulation techniques to represent farm businesses and other economic systems. This involved characterizing the essential features of the system and preparing computer programs to represent these essentials. One of these applications was in the area of farm financial management, which he will continue in his department.

A graduate of the University of Kentucky, he received the master of arts and doctor of philosophy degrees from Harvard University with a major in economics.

DID YOU KNOW — Over 50 percent of Pennsylvania's commercial forest land is owned by professional people, businessmen, factory workers, retired residents and even housewives.

LANCHESTER PONY CLUB

HOLDS INVITATIONAL FUN HORSE SHOW

The Lanchester Pony Club hosted a "fun" horse show Sunday afternoon for members of the Brandywine and Fair Hill pony clubs. Held at Lanchester's headquarters, at the home of Mr. and Mrs. John M. Gibson, Drumore, the show was judged by William Murry of Wilmington, Delaware.

All youngsters performing in the 150 x 300-foot show ring won ribbons. Events and placings were:

Walk-Trot — George Young, now is the HCR, y know is now Jr.; Penny Waters; Tony Gibson; Chris Gibson; Celia Mackay.

Unrated Horsemanship — Candy Groff; David Copeland; Pat Quartucci; Chris Gibson; Penny Waters; John Barr.

Horsemanship for "D" Rated Children — Susan Gill; Patti Hassler; Ralph Hill; Debbie Weir; Pixie Waters; Linda Sutton.

Horsemanship for "C" Rated Children — Gail Groy; Sherry Bryson; Mary Skiles (2); Barbara Goodwillie; Peggy Leahy.

"D's" Stadium Jumping — Susan Gill; Ralph Hill; Debbie Weir; Mary Beth Little; Rosemary Binkley; Anne Goodwillie.

"C's" Stadium Jumping — Sherry Bryson; Gail Groy; Rosemary Marvel; Barbara Goodwillie; Pam Hassler; Mary Skiles.

Water Game — Pam Hassler; Rosemary Binkley; Barbara Goodwillie; Ralph Hill; Anne Goodwillie; Nancy Henkel.

Egg and Spoon Game — Axie Gibson; Candy Groff; John Barr; Pat Quartucci; Tony Gibson; Maureen Little.

son; Maureen Little.

"D" Bareback — Debbie Weir; Walk-Trot Bareback — John Nancy Henkel; Susan Gill; Barr; Maureen Little; Tony Patti Hassler; Ralph Hill; Mary Gibson; Celia Mackay; Penny Beth Little.

"C" Bareback — Pam Hassler; Unrated Bareback — Pat Quar. Gail Groy; Peggy Leahy; Bartucci; Hazel Lowe; Candy bara Goodwillie; Rosemary Groff; Axie Gibson. Marvel.

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Huge Angus Ranch Changes Ownership For \$3-Million

STAUNTON, VIRGINIA — The largest volume sale in history of the Angus breed, and certainly one of the largest private ranching transactions ever consummated, occurred June 30th when Canning Land Com-

pany of this city and the Adams-Canning Cattle Company of Staunton and San Antonio, Texas completed the sale of the famous Redding, Inc. Ranches at Minatare, Nebraska. Changing ownership was a herd of over 2,500 head of registered Angus cattle, some 25,000 acres of ranch land, and a 5,000-head capacity modern feed lot, for a price in excess of \$3,000,000.

This is the herd that was known as the "herd of 1,000 half-sisters". It was founded in 1947 by Dale Redding and grew into one of the largest purebred herds in America. Early in his career, Redding conceived a plan to breed a herd of Angus cattle that would all descend from one bull, thereby earning the moniker "1,000 half-sisters". Quality of the herd was prov-

en by the fact that this firm showed 14 carload champions in 14 years at the National Western at Denver. The new ownership of the operation, to be known as S-Bar Angus Ranch, is represented by Steven Shalom of New York City and W. F. Smith of Limestone, Tenn.

Lancaster Farming, Saturday, July 29, 1967—19

16 Counties To Vie For State Plowman Title

HARRISBURG — Farmers from 16 counties will compete in the annual state plowing contest to be held Aug. 30 at the state hospital farm east of Somerset. Representing Lancaster County will be newly-crowned county champion Ivan Yost of Narvon R2.

The contest is one of the attractions of Forage Progress Field Days being held to acquaint farmers with new products and new techniques.

Jack R. Grey, deputy Secretary of Agriculture and plowing contest chairman, said the ing contest chairman, said other county plowing winners will compete from Berks, Blair, Bradford, Cumberland, Dauphin, Franklin, Indiana, Juniata, Lawrence, Mifflin, Perry, Somerset and Westmoreland counties.

The state contest will determine champions in small plow (two and three bottoms), large plow (four bottoms or larger), and contour competition. In small and contour competition, contestants will plow about one-half an acre, while in big plow rivalry the plots will be approximately one acre in size.

Contestants will be judged on such items as furrow depth, furrow straightness, and time, Grey states.

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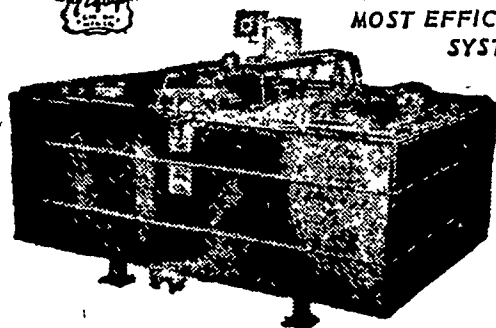
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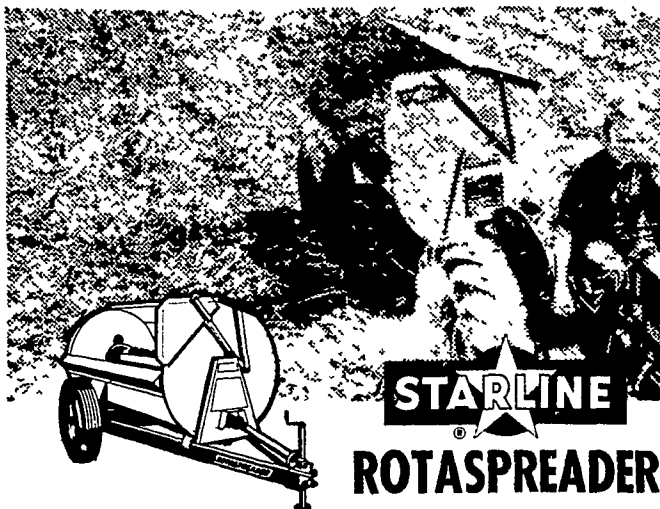
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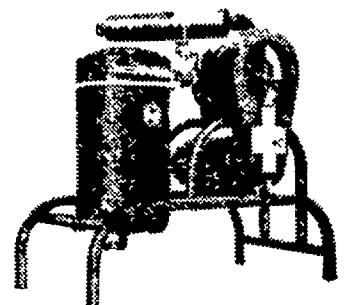
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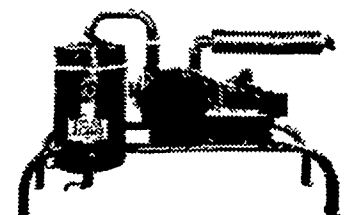
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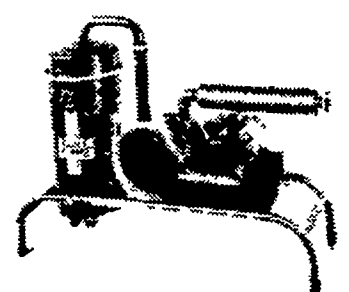
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New Method Of Measuring Air Pollution Noted

Radiation from the sky may provide a means for measuring air pollution in smogbound cities.

Jack Conaway, a University of California graduate student working with ARS physicist C.H.M. van Bavel at the U.S. Water Conservation Laboratory, Phoenix, Ariz., invented this novel monitoring technique

while conducting experiments with soil temperature.

Conaway was using an infrared radiometer to measure the amount of sky radiation reflected from the soil surface when he found that the sky radiation measurements changed drastically from hour to hour. The changes did not seem to be related to temperature, humidity, or any other readily discernible factor.

On a hunch, Conaway went to the air pollution branch of the local county health service and looked up the records of

ozone content in the air during the periods covering his experiments. He found that the variations in ozone content and the variations in his radiation figures were strikingly similar. Ozone, one of the chief air pollutants in many heavily populated areas, is formed by the action of sunlight on exhaust fumes.

Present methods of measuring pollution require taking samples of the air and analyzing it chemically. The size of the area that can be sampled at one time is therefore limited.

An infrared beam of the right wavelength, directed at a nearly horizontal slant through the air

above the earth's surface, could provide an instantaneous check of pollution over a large area. If ozone does affect radiation, as Conaway theorizes, and if the effect can be measured by a radiometer, pollution measurement would be faster and more effective.

Conaway and van Bavel emphasize that at this point their conclusions are based on scant data.

Besides pollution monitoring, van Bavel suggests one other possible consequence of the ozone-radiation relationship: Weather satellites circling the earth record surface temperature with an instrument similar

to the one used by Conaway. If ozone at the earth's surface affects earth-based measurements, it may also affect measurements made from space when satellites pass over polluted population centers.



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